



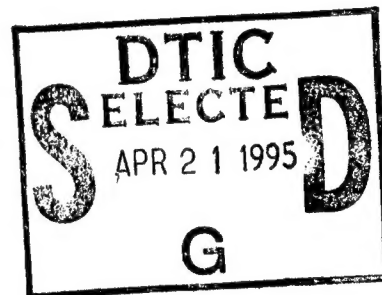
**Defense Nuclear Agency
Alexandria, VA 22310-3398**



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**Johnston Atoll Plutonium Cleanup Project
Plant Modification and Operation
Volume 3—Annual Report Option Year 2
Appendices B through H**

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April 1995

Technical Report

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13. ABSTRACT (Maximum 200 words) This report continues the documentation of the operation of TMA/Eberline's Segmented Gate System technology for removing mixed plutonium and americium contamination at DNA's Johnston Atoll site. Contaminated feed is conveyed under arrays of radiation detectors coupled with sophisticated computer software developed by Eberline Instrument Corporation. Segmented gates (chutes) on pneumatically-driven pistons move forward when contamination is detected to remove only the contaminated portion from the main flow of feed material. Only about one pint of contaminant is removed during each diversion event. At the JA site, a 98% volume reduction has been achieved, with the remediated soil cleaned to DNA's criteria for release for unrestricted use of 500 Bq/kg total transuranic alpha contamination and no "hot" particles of greater than 5000 Becquerels. The low level waste concentrate is expected to be packaged for shipment to an approved defense waste disposal site.				
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CONVERSION TABLE

Conversion factors for U.S. Customary to metric (SI) units of measurement.

MULTIPLY _____ > BY _____ > TO GET
TO GET < _____ BY < _____ DIVIDE

angstrom	1.000 000 X E -10	meters (m)
atmosphere (normal)	1.013 25 X E +2	kilo pascal (kPa)
bar	1.000 000 X E +2	kilo pascal (kPa)
barn	1.000 000 X E -28	meter ² (m ²)
British thermal unit (thermochemical)	1.054 350 X E +3	joule (J)
calorie (thermochemical)	4.184 000	joule (J)
cal (thermochemical/cm ²)	4.184 000 X E -2	mega joule/m ² (MJ/m ²)
curie	3.700 000 X E +1	* giga becquerel (GBq)
degree (angle)	1.745 329 X E -2	radian (rad)
degree Fahrenheit	$t_K = (t_F + 459.67)/1.8$	degree kelvin (K)
electron volt	1.602 19 X E -19	joule (J)
erg	1.000 000 X E -7	joule (J)
erg/second	1.000 000 X E -7	watt (W)
foot	3.048 000 X E -1	meter (m)
foot-pound-force	1.355 818	joule (J)
gallon (U.S. liquid)	3.785 412 X E -3	meter ³ (m ³)
inch	2.540 000 X E -2	meter (m)
jerk	1.00 000 X E +9	joule (J)
joule/kilogram (J/kg) radiation dose absorbed	1.000 000	Gray (Gy)
kilotons	4.183	terajoules
kip (10000 lbf)	4.448 222 X E +3	newton (N)
kip/inch ² (ksi)	6.894 757 X E +3	kilo pascal (kPa)
ktap	1.000 000 X E +2	newton-second/m ² (N-s/m ²)
micron	1.000 000 X E -6	meter (m)
mil	2.540 000 X E -5	meter (m)
mile (international)	1.609 344 X E +3	meter (m)
ounce	2.834 952 X E -2	kilogram (kg)
pound-force (lbs avoirdupois)	4.448 222	newton (N)
pound-force inch	1.129 848 X E +2	newton-meter (N·m)
pound-force/inch	1.751 268 X E +2	newton/meter (N/m)
pound-force/foot ²	4.788 026 X E -2	kilo pascal (kPa)
pound-force/inch ² (psi)	6.894 757	kilo pascal (kPa)
pound-mass (lbm avoirdupois)	4.535 924 X E -1	kilogram (kg)
pound-mass-foot ² (moment of inertia)	4.214 011 X E -2	kilogram-meter ² (kg·m ²)
pound-mass-foot ³	1.601 846 X E +1	kilogram/meter ² (kg·m ³)
rad (radiation dose absorbed)	1.000 000 X E -2	** Gray (Gy)
roentgen	2.579 760 X E -4	coulomb/kilogram (C/kg)
shake	1.000 000 X E -8	second (s)
slug	1.459 390 X E +1	kilogram (kg)
torr (mm Hg, °C)	1.333 22 X E -1	kilo pascal (kPa)

*The becquerel (Bq) is the SI unit of radioactivity: 1 Bq = 1 event/s.

**The Gray (GY) is the SI unit of absorbed radiation.

TABLE OF CONTENTS

	Page
Appendix	
CONVERSION TABLE	iii
B JA PLUTONIUM SOIL CLEANUP PROJECT PROJECT DECOMMISSIONING PLAN	B-1
C STANDARD OPERATING PROCEDURE FOR FIELD SOURCE TECHNIQUES, SOURCE BOARD EFFICIENCY AND BELT TIMING PROCEDURES	C-1
D ESP CLEAN PILE SURVEY RESULTS	D-1
E QC SOIL ANALYSIS BY SHIELDED Fidler	E-1
F DENSITY MEASUREMENTS	F-1
G DRAWING AND COMPUTER FILE LISTING	G-1
H PHYSICAL PLANT INFORMATION AND SPECIFICATIONS	H-1

APPENDIX B

JOHNSTON ATOLL PLUTONIUM SOIL CLEANUP PROJECT PROJECT DECOMMISSIONING PLAN

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Unannounced	<input type="checkbox"/>
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By _____	
Distribution /	
Availability Codes	
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A-0	

TABLE OF CONTENTS

Section	Page
1.0 INTRODUCTION	1
1.1 PURPOSE OF PLAN	1
1.2 SOIL CLEANUP PROJECT BACKGROUND	1
1.2.1 Project Objective, History, and Location	1
1.2.2 Description of Segmented Gate System and Plant	2
1.3 DECOMMISSIONING PLAN SCOPE	5
1.4 PARTICIPANTS	5
1.5 CONTRACTS	7
1.5.1 DNA and TMA/Eberline Contract	7
1.5.2 FCDNA and DOE/PASO IACRO	7
1.5.3 Individual Contracts	7
2.0 PLAN OBJECTIVES	8
2.1 TECHNICAL OBJECTIVES	8
2.2 SCHEDULE	8
2.3 COST	8
3.0 MANAGEMENT ORGANIZATION AND RESPONSIBILITIES	9
3.1 FCDNA	9
3.1.1 Commander, FCDNA	9
3.1.2 Commander JA	9
3.1.3 DNA Project Manager	9
3.1.4 FCDNA On-site Representative	9
3.1.5 Chief of Financial Management	9
3.1.6 Director of Support Services.	9
3.1.7 DNA Contracting Officer	10
3.2 TMA/EBERLINE	10
3.2.1 TMA/Eberline Program Director	10
3.2.2 Plant Operators	10
3.2.3 Survey and Decontamination Technicians	10

3.3	DOE	10
3.3.1	Director, DOE/PASO	10
3.3.2	DOE Site Representative	11
3.4	RSN/Pacific Operations	11
3.4.1	Manager of Pacific Operations	11
3.4.2	Manager of Finance	11
3.4.3	JA Resident Manager	11
3.4.4	Radiation Safety Specialist	11
4.0	REQUIREMENTS AND TASKS	12
4.1	REGULATORY REQUIREMENTS	12
4.2	INDEPENDENT AND DEPENDENT TASKS	12
5.0	QUALITY ASSURANCE	15
6.0	SAFETY	16
6.1	RADIATION PROTECTION	16
6.2	INDUSTRIAL SAFETY AND HYGIENE	16
7.0	ENVIRONMENTAL PROTECTION AND WASTE MANAGEMENT	17
7.1	RELEASE OF PLANT COMPONENTS	17
7.1.1	Radiological Surveys	17
7.1.2	Selection and Use of Radiological Survey Instruments	17
7.1.3	Maintenance of Radiological Instrumentation	18
7.2	RADIOLOGICAL DECONTAMINATION OF EQUIPMENT	18
7.3	ENVIRONMENTAL MONITORING	19
7.3.1	Airborne Radioactivity	19
7.3.2	Perimeter and "Hot Line" Monitoring	19
7.4	WASTE STORAGE, PACKAGING AND SHIPPING	19
8.0	DISPOSITION OF REUSABLE EQUIPMENT	20
8.1	IDENTIFICATION AND CLASSIFICATION	20
8.2	PRESERVATION AND STORAGE	20
8.3	PACKAGING AND SHIPPING	20
9.0	REFERENCES	21

ANNEX

PAGE

- A LIST OF GOVERNMENT FURNISHED PROPERTY**
- B SURPLUS EQUIPMENT CLASSIFICATION INFORMATION**

A-1

B-1

SECTION 1

INTRODUCTION

1.1 PURPOSE OF PLAN.

This Decommissioning Plan provides guidance for the planning and physical field work required to place the JA Plutonium Soil Cleanup Plant and its components in a radiologically safe condition for use elsewhere, for on- or off-site storage, or for disposal. DNA and the plant operating contractor, TMA/Eberline, will execute the plan.

1.2 SOIL CLEANUP PROJECT BACKGROUND.

1.2.1 Project Objective, History, and Location.

The primary objective of the Defense Nuclear Agency's (DNA's) Johnston Atoll (JA) Plutonium Soil Cleanup Project is to effectively decontaminate the coral soil inside a 24 acre Radiological Controlled Area (RCA) and release it for unrestricted use. The cleanup eliminates a potential health hazard to personnel and the environment. The project's cleanup plant uses innovative technology to render most of the formerly contaminated soil suitable for use at JA without radiological restriction.

JA is an unincorporated territory of the United States. It is located approximately 825 miles WSW of Honolulu near the center of the North Pacific between the Hawaiian and Marshall Islands. It is the only land area in approximately 800,000 square miles of open ocean, and supports breeding of twelve species of seabirds. JA was first protected as a Bird Refuge in 1926, and has been a military reservation since 1939. The lagoon supports diverse marine life. Two unique forms of sea life found at JA, including green sea turtles, are protected under Federal laws controlling threatened and endangered species (GPO, 1990). The atoll is now designated as the JA National Wildlife Refuge. The refuge is managed by the Department of the Interior, U.S. Fish and Wildlife Service, cooperatively with DNA (USFWS, 1985). JA is one of a small group of remote protected habitats in the Pacific Ocean.

JA is comprised of four small islands, two of which are entirely human-made. The largest, Johnston Island (JI), is approximately 2.0 miles long and 0.5 mile wide, covering about 650 acres (slightly over one square mile). JI includes the main original land mass in the atoll, and has been extensively enlarged by coral dredge-and-fill from the lagoon. The atoll was not historically inhabited until 1936, when the Navy began extensive reef blasting, dredging, landfilling, grading, and construction

on the islands (Amerson, 1976). Current atoll population is approximately 1300 persons, including both military and civilian personnel. JA is administered by DNA.

In the late 1950's and early 1960's, a series of high altitude atmospheric nuclear tests brought new activity and attention to JA. In 1962, a nuclear device-carrying Thor missile was intentionally destroyed on the launch pad during an aborted launch attempt. Radiological contamination was dispersed over the land area, and was especially concentrated in the area of the missile launch emplacement. Two additional aborts at high altitude took place, but the main source of contamination was the launch pad occurrence. Radiological evaluations were subsequently performed and contaminated coral soil was relocated to a single controlled area. However, a significant portion of island land remained under radiological control.

Later, DNA began identification and removal of radioactive material on a small scale using manual methods, but deferred large scale remediation. The JA Radiological Control Area (RCA) currently encloses 24 acres. For planning purposes, DNA estimates that the RCA contains approximately 100,000 cubic yards of coral soil matrix contaminated with low levels of transuranic elements, chiefly Pu-239 and Am-241.

1.2.2 Description of Segmented Gate System and Plant.

TMA/Eberline, DNA's operating contractor, utilized existing on-site equipment of the type used in conventional sand and gravel operations in innovative ways. The physical plant was changed to improve material handling and to accommodate new motor speed controllers and TMA's unique Segmented Gate System (SGS). The SGS uses a series of eight diversion chutes that operate independently to minimize the amount of radioactive material diverted from the flow of feed material. A minimum diversion of contaminated feed contains only about one pint of material. TMA linked radiation detectors with new microprocessors and computer software modified for the project by Eberline Instrument Corporation. The new microprocessors and software identify radioactive material as it passes under detector arrays, track it through the system, and generate and archive data files of monitoring, assay, and sorting transactions.

Results of soil sorting on JA using the Segmented Gate System were highly satisfactory during an operational base period, with an overall contaminated soil volume reduction of 98 percent. DNA therefore decided to initiate additional modifications to the plant to further increase production throughput by utilizing a second Segmented Gate System for front end soil sorting. Two additional Segmented Gate Systems (for a total of four) were being installed at the time of publication of this Plan.

Principal mechanical areas of the plant include the soil feed and preparation area, the detection and counting system, the Segmented Gate Systems for soil sorting, belt weigh scales to track material balance, and a supplementary soil washing mechanism to remove distributed contamination consisting of very small particles from the total soil mass as fractionated fines, and the control station. Clean material is stored in a segregated area inside the RCA pending release for use elsewhere on-island. Concentrated plutonium- and americium-containing material that has been diverted by the plant is currently being stored on JA. DNA will direct the packaging and shipment of the concentrate to an approved defense waste disposal facility for disposal as low level waste (LLW).

DNA set two criteria for processed coral soil to be considered radiologically "clean" and suitable for release for unrestricted use:

1. Alpha radioactivity from plutonium and americium must be less than 500 Becquerels per kilogram (Bq/kg) averaged over no more than 0.1 cubic meter of soil; and,
2. All radioactive particles with activities greater than 5000 Becquerels of total transuranic activity must be removed from the soil.

The <500 Bq/kg criteria addresses dispersed radioactive material consisting of very small particles in the soil. DNA based the criteria on a draft Environmental Protection Agency (EPA) guideline (EPA, 1988). The second criteria prohibits release for unrestricted use of soil that contains larger "hot" particles, and is based on expected processing capabilities of the single channel analyzer counting system. Specifically, the counting system can detect, at a 95% confidence level, a single 5000 Becquerel particle located at the bottom of the soil layer as it passes under a single detector at a rate of 30 feet per minute.

Contaminated soil within the RCA is excavated with standard heavy equipment and relocated to the feed point of the processing plant. DNA staff determine precise locations warranting excavation by in situ radiological surveys in conjunction with Global Positioning System (GPS) receivers. The GPS receivers calculate locations by analyzing signals emitted from satellites. The emitted signals contain satellite positions in reference to the earth. The GPS receiver calculates its position by triangulation between it and four satellites.

Metal debris is extracted from the feed material flow to two of the Segmented Gate Systems by a large magnet permanently mounted over the feed conveyor belt. Feed material is sized to less than 0.5 inch by a vibrating screen, and layered across the 3-foot width of a flat conveyor belt to a depth of 0.75 inch and width

of approximately 31 inches. Pre-sized material will be directly fed to the two additional Segmented Gate Systems. Care is taken to maintain a uniform thickness and width of feed material on the moving belt. The belt conveys material under an array of sodium iodide (NaI) FIDLER-type detectors at a rate of 30 feet per minute. A sophisticated motor speed controller is used to maintain a constant belt speed. The thin-window NaI detectors are sensitive to the low energy 60 keV gamma radiation emitted by Am-241, a decay product of Pu-241. Direct measurement of Am-241 allows a calculation to be performed to determine total transuranic contamination, since the ratio of americium to plutonium is known.

The fifteen NaI detectors in each monitoring unit are arranged in two overlapping rows of 7 and 8 detectors, respectively. Each detector has an active area measuring 100 by 100 millimeters and is encased in an aluminum housing with a thin end window. The second row of 7 detectors is offset from the first row to prevent "hot" particles from passing undetected between adjacent detectors. Each detector electronically reports to an individual microprocessor board that calculates amounts of radioactivity and determines whether a "hot" particle has been detected. Each detector microprocessor board then electronically reports to a master control board that collects data, determines whether dispersed radioactivity has been detected, and selects and actuates one of the eight diversion chutes of the Segmented Gate System as required. The master control board tracks diversion gate movement by monitoring changes in electrical position switches. The master control board utilizes a fiber optic system to communicate with the personal computer (PC) that is used to operate the Plant from the central Control Room. A portable laptop computer can be directly connected to the master control board at the detector box itself to allow local entry and editing of operator selected system parameters or to perform system maintenance and calibration functions.

The control room PC enters changes in operating parameters, logs and archives data, and requests and displays information from the master control board. The PC can direct and monitor the operation of up to 4 Segmented Gate Systems at once (i.e., four arrays of 15 detectors each, on 4 different conveyor belts, with associated diversion chutes).

When "hot" particles or distributed contamination above release criteria are detected, one or more of the eight diversion segmented gates located at the end of the sorter conveyor is electronically directed by the master control board to divert the contaminated material. "Hot" particles are diverted to a steel drum. Dispersed radioactivity is diverted to the supplementary soil washing path. The minimum amount of diverted soil is approximately 36 cubic inches (about 1 pint).

Material diverted to the soil washing path is agitated with water to remove contamination in the form of very small particles. Material is then re-assayed by the system to verify that it meets release criteria. Contaminated fines are diverted to holding ponds.

Although volume reduction of contaminated soil depends upon the amount of radioactivity initially present in each batch of feed material, design expectations were to reduce the total volume of contaminated material at the JA site by 95%. Current day to day operational data demonstrates volume reduction from 93-99 percent, with cumulative operational results of over 98 percent reduction. Parallel installation of two additional Segmented Gate Systems, underway at the time of publication of this Plan, will increase plant output. A plot plan of the Plutonium Soil Cleanup Plant is shown in Figure 1-1, Plant Revisions.

1.3 DECOMMISSIONING PLAN SCOPE.

This Plan applies to activities of participants during the planning, conceptual engineering, detailed engineering, dismantling, radiological evaluation and surveying, decontamination, packaging, shipping, storing, and conveying of all equipment and machinery used in support of the JA Plutonium Soil Cleanup Project on JA at the time of the successful conclusion of the project. The general decommissioning approach is to first process all soil to remove radiological contaminants. Plant equipment will then be selectively surveyed and broken down to prepare it for release for unrestricted use, release for restricted use at another contaminated site, disposal as excess, or disposal as contaminated waste if decontamination is not feasible or effective. It is expected that some portion of the soil processing plant will be kept operational for as long as possible to enable excavation and processing of feed material excised from beneath equipment as it is removed. Final cleanup activities include dismantling and cleaning of plant components. On-site cleanup activities will be completed in 1996.

1.4 PARTICIPANTS.

Field Command Defense Nuclear Agency (FCDNA), has been managing the JA Plutonium Soil Cleanup Project for many years. During decommissioning activities, Headquarters DNA (HQDNA-AM4) will continue to provide the Government Contracting Officer, and FCDNA will provide the Contract Technical Manager. It is expected that the cleanup plant operating contractor will provide engineering, mechanical, decontamination, and other services to DNA during decommissioning activities performed under this Plan. DNA plans that support services will continue to be provided to the project by the JA Management and Operating (M&O) Contractor.

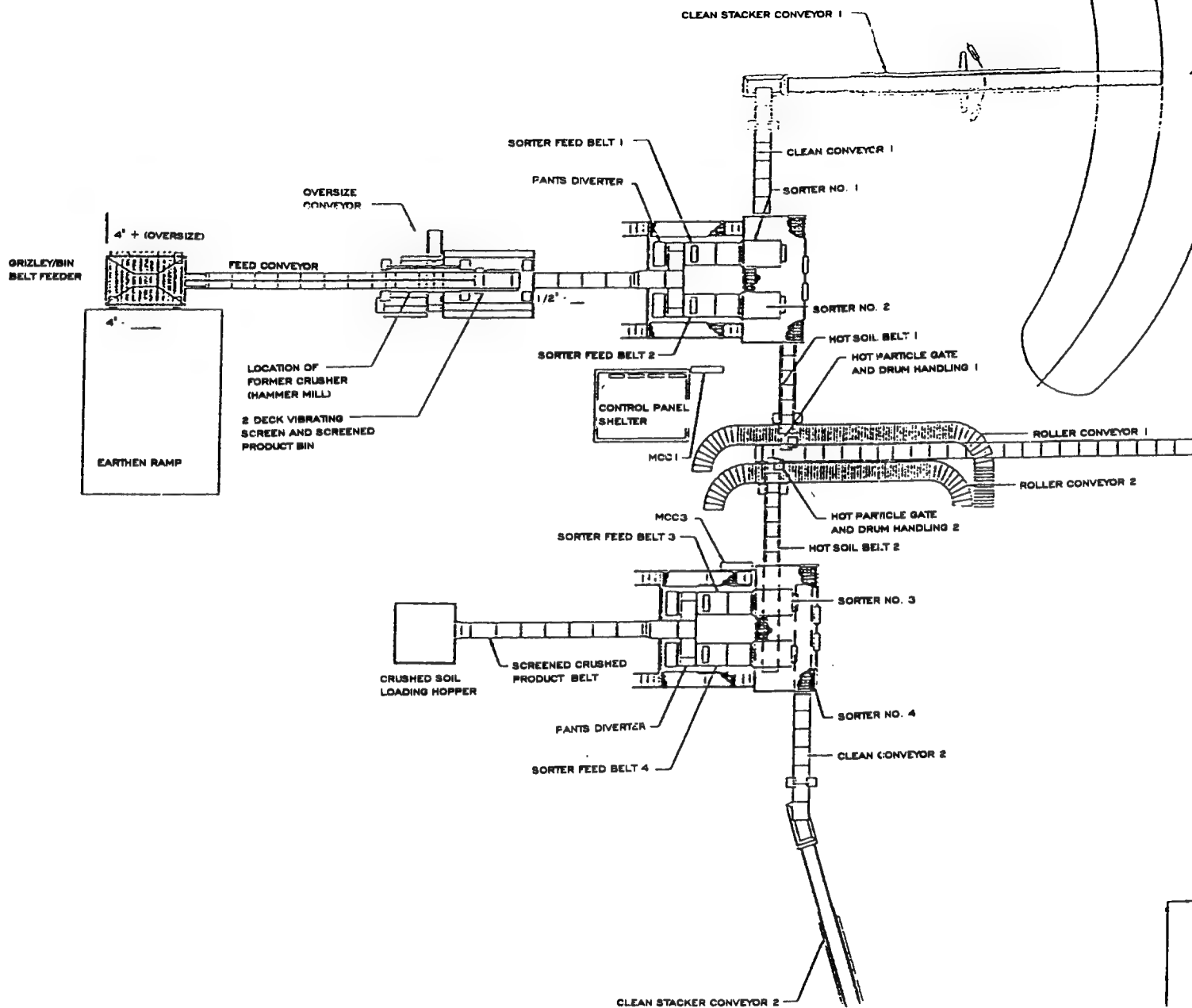
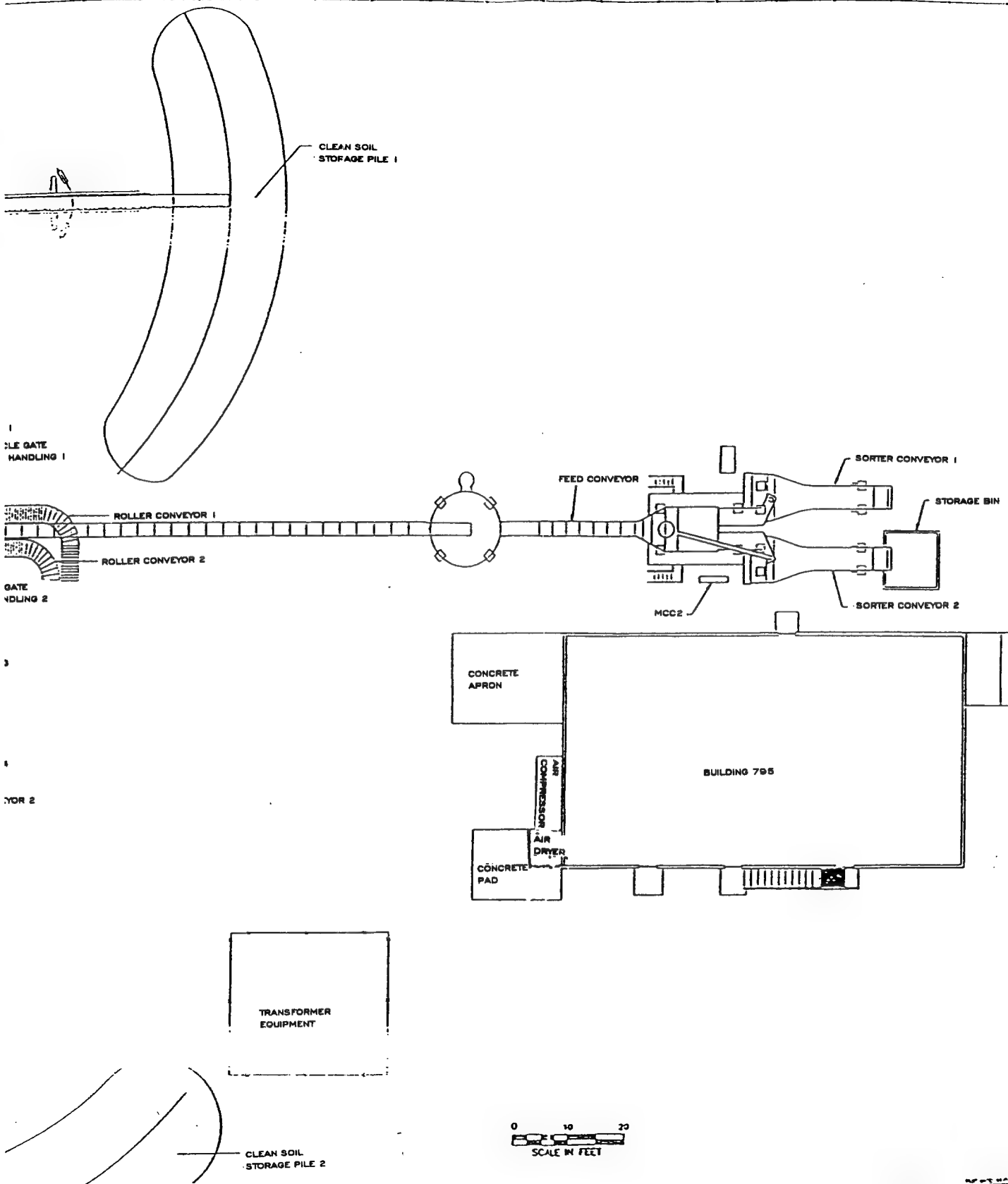



Figure 1-1. Proposed plant revisions.

REV. NO.	DATE	DESCRIPTION	DRAWN	CHECKED



						<div><div><div>Thermo</div><div>Consulting Engineers</div></div></div>		<div><div>JOHNSTON ATOLL</div><div>PLUTONIUM</div><div>SOIL CLEANUP</div></div> <div>PLANT REVISIONS</div> <div>--</div>	<div>PROJECT NO.</div>	
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1.5 CONTRACTS.

The following group of contracts govern the operational phase of the JA Plutonium Cleanup Project. These or similar contracts will guide the execution of the Decommissioning Plan.

1.5.1 DNA and TMA/Eberline Contract.

DNA and TMA/Eberline Contract number DNA001-90-C-0119 (DNA-1990) includes an initial list of Government Furnished Property (GFP), and Government Furnished Services (GFS). The list of GFP, included as APPENDIX A, specifies government-owned components of the JA Plutonium Soil Cleanup Plant that will require evaluation under this plan, along with computers and printers and other scientific equipment made available to TMA/Eberline to accomplish work under the project contract.

1.5.2 FCDNA and DOE/PASO IACRO.

The FCDNA and DOE Pacific Area Support Office (DOE/PASO) Inter-Agency Cost Reimbursement Order (IACRO) number HD1102-1-TRUX-01, Basic, is amended as necessary to add or withdraw services, materials, and funds. FCDNA sends an IACRO to DOE/PASO to specify project tasks required of the M&O Contractor and to transfer funds to cover the tasks. When DOE/PASO accepts the IACRO, it obligates the M&O contractor to provide the support to fulfill the tasks. The current JA M&O Contractor (Raytheon Services Nevada) is contracted to the Department of Energy (DOE) to provide support services to the project on a task basis.

1.5.3 Individual Contracts.

Up-to-date listings of individual contracts between FCDNA and various vendors for purchases of GFP and GFS other than by IACRO are maintained by the FCDNA Project Manager.

SECTION 2

PLAN OBJECTIVES

2.1 TECHNICAL OBJECTIVES.

This Plan provides guidance and instruction for the planned performance of activities during plant decommissioning. It provides for disposition of government-owned equipment and the development of sound data upon which to base assurance of the safety of workers, members of the public, and the environment during plant decommissioning. Decommissioning activities will include dismantling and possible decontamination of equipment, detailed radiological equipment surveys, environmental monitoring, worker training, packaging of useable equipment and materials for transport, and packaging of radioactive material for disposal at an approved defense waste disposal site.

2.2 SCHEDULE.

DNA and TMA/Eberline will execute the Plan in several steps over the remaining three year operational period, with the final three steps (of one month each over a three-month period) taking place after successful project completion in 1996. These three final steps include processing remaining soil during selective dismantlement, detailed radiological survey and decontamination where required, and packaging for shipment. Section 4.2, INDEPENDENT AND DEPENDENT TASKS, identifies additional individual tasks to be accomplished under the Plan.

2.3 COST.

Some costs, including on-island staff to dismantle, survey, decontaminate, and package plant components will necessarily be a direct cost to the project. At this time, costs for the final three-month decommissioning effort are estimated to be approximately \$250,000 for direct on-island operating contractor staff support. Plant components will have a depreciated residual value calculated to time of decommissioning.

However, an independent activity (other than DNA) may choose to use the JA soil cleanup plant at another location. Per DNA guidance (DNA, 1992), that activity will be responsible for plant relocation costs (transport and setup). The independent activity will require weight and cubic volume of each component to estimate transportation requirements and costs.

SECTION 3

MANAGEMENT ORGANIZATION AND RESPONSIBILITIES

3.1 FCDNA.

Key positions with specific responsibilities related to the project are detailed below.

3.1.1 Commander, FCDNA.

The Commander FCDNA (FC) has overall responsibility for FCDNA activities.

3.1.2 Commander JA.

The Commander JA (FCJ) has overall responsibility for managing JA, including responsibility for health and safety and establishing priorities for various special projects. The Commander FCJ is responsible to FC for ensuring the project is supported satisfactorily with assets available at JA. FCJ is kept informed on a day-to-day basis of the project status by FCDNA's on-island project representative.

3.1.3 DNA Project Manager.

The DNA Project Manager (DNA-PM) is the DNA Contract Technical Manager responsible for ensuring project objectives are fulfilled as required by the contract statement of work and the Decommissioning Plan. The DNA-PM is normally stationed at Albuquerque, New Mexico, but travels to JA as necessary to provide direct project management support.

3.1.4 FCDNA On-site Representative.

The FCDNA on-site representative is stationed at JA and assists the DNA-PM by providing direct on-site project support.

3.1.5 Chief of Financial Management.

The DNA Chief of Financial Management (FCCF) manages funding documents and transfers of funds to DOE/PASO, and assists the DNA-PM in reviewing cost reports.

3.1.6 Director of Support Services.

The Director of Support Services (FCS) is responsible to FC for providing technical assistance as required through interface with FCJ, and for providing supervision of the DNA-PM.

3.1.7 DNA Contracting Officer.

The DNA Contracting Officer, located in Washington, D.C., is responsible for contractual matters relating to the project. He receives technical advice from the DNA-PM.

3.2 TMA/EBERLINE.

3.2.1 TMA/Eberline Program Director.

The TMA/Eberline Program Director (TMA-PD), is responsible for directing the operation and development of the Decommissioning Plan for the JA Plutonium Soil Cleanup Plant. The TMA-PD establishes schedules, work assignments, and safety programs, fulfills quality assurance (QA) requirements, defines operating parameters for the plant, and recommends to the DNA-PM, as appropriate, changes in design, operating procedures, equipment modifications, and reports for operational and decommissioning activities. The TMA-PD is the TMA/Eberline authorized representative and formal point of contact for matters relating to work under the contract, and is the sole TMA/Eberline representative at JA who can commit TMA/Eberline to revisions in schedules and staffing allocations.

3.2.2 Plant Operators.

Plant Operators are responsible for operating and dismantling the JA Plutonium Cleanup Plant under the direction of the TMA-PM. Each operator is required to report to the TMA-PD any unsafe conditions or situations which could result in personal injury or unacceptable release of radioactivity to the environment.

3.2.3 Survey and Decontamination Technicians.

Survey and decontamination technicians are responsible for performing safety, environmental, and equipment surveys and decontamination during plant decommissioning. They receive specific training to perform these tasks commensurate with their degree of responsibility. Each technician is required to report to the TMA-TD any unsafe conditions or situations which could result in personal injury or unacceptable release of radioactivity to the environment.

3.3 DOE.

3.3.1 Director, DOE/PASO.

The Director, DOE/PASO, has overall responsibility for managing DOE/PASO, overseeing work performed by RSN/PO, and facilitating transfer of funds from FCDNA to RSN.

3.3.2 DOE Site Representative.

The DOE Site Representative has oversight responsibility for work performed by RSN, and facilitating interactions between project participants and RSN staff.

3.4 RSN/Pacific Operations.

3.4.1 Manager of Pacific Operations.

The Manager of Pacific Operations has overall responsibility for RSN support to the Project.

3.4.2 Manager of Finance.

The Manager of Finance is responsible for reporting project cost status with regard to RSN support twice monthly to the FCDNA Chief, Financial Management, and for resolving inquiries regarding report and billings. Reporting includes weekly status reports to FCJ.

3.4.3 JA Resident Manager.

The JA Resident Manager provides overall management and direction for all RSN work on JA. This includes providing routine operations support to DNA, including moving soil into and out of the cleanup plant during operations; and assuring safe working conditions for RSN personnel, including industrial and radiation safety.

3.4.4 Radiation Safety Specialist.

The Radiation Safety Specialist (RSS) is responsible for day to day radiation safety for RSN personnel at JA in accordance with the JA Radiation Protection Instruction. Additionally, he provides confirmation surveys and perimeter air sampling during TMA/Eberline activities in the RCA. He provides other radiation safety assistance as requested by the DNA-PM in support of the Project on an as available basis.

SECTION 4

REQUIREMENTS AND TASKS

4.1 REGULATORY REQUIREMENTS.

As per written guidance from DNA (DNA, 1992), radiological contamination limits referenced in the JA local radiation protection instruction, FCJ 1353.3D (FCJ, 1986), will apply. These limits are drawn from the Draft American National Standard for Control of Radioactive Surface Contamination on Materials, Equipment, and Facilities to Be Released for Uncontrolled Use, N13.12 (ANSI, 1978). Limits are shown in Table 4-1, Surface Contamination Limits. This table is directly copied from Draft N13.12. For Pu-239 and Am-241, the limit for removable surface activity is 20 disintegrations per minute per 100 centimeters squared (dpm/100 cm²). The limit for total surface activity (fixed plus removable) is nondeductible.

The local instruction references Department of Defense (DoD) Instruction 6055.8, "Occupational Radiation Safety Program" (DoD, 1983) that in turn invokes Title 10, Code of Federal Regulations (10 CFR 19 and 20). In consequence, a body of Nuclear Regulatory Commission documentation applicable to licensees is available as guidance to plant decommissioning, as presented in Section 9, REFERENCES. Of special interest is Draft NUREG/CR-5849, Manual for Conducting Radiological Surveys in Support of License Termination (NRC, 1992). Project decommissioning activities will conform to this guidance.

4.2 INDEPENDENT AND DEPENDENT TASKS.

Many tasks required during decommissioning have been identified. To assist in this identification, TMA/Eberline performed a review of literature stored in the DOE-funded Remedial Action Program Information Center (RAPIC) with the kind assistance of Mr. Park Owen of Martin Marietta Energy Systems, Incorporated. RAPIC is the Oak Ridge National Laboratory (ORNL) database for decontamination and decommissioning. A volume of abstracts pertaining to decontamination of plutonium-contaminated equipment, cost-benefit analysis for feasibility of decontamination, and decontamination and decommissioning plans was generated. This material was then reviewed for pertinence to development of this Plan.

Reviews were also conducted of pertinent DoD Instructions and NRC regulatory guidelines, including Regulatory Guides 1.86, 4.5, and 8.21; and NUREG/CR-5849.

Steps needed to ensure that all required tasks are identified, planned for, and successfully accomplished include:

Table 4-1. Surface Contamination Limits.

DRAFT AMERICAN NATIONAL STANDARD N13.12

Table 1
Surface Contamination Limits*

Contaminants			Limit (Activity) (dpm/100cm ²)†	
Group	Description	Nuclides (Note 1)	Removable	Total (Fixed plus Removable)
1	Nuclides for which the nonoccupational MCP _s (Note 2) is 2×10^{-13} Ci/m ³ or less or for which the nonoccupational MCP _w (Note 4) is 2×10^{-7} Ci/m ³ or less	²²⁷ Ac ^{241,242m,243} Am ^{249,250,251,252} Cf ^{243,244,245,246,247,248} Cm ^{125,129} I ²³⁷ Np ²³¹ Pa ²¹⁰ Pb ^{238,239,240,242,244} Pu ^{226,228} Ra ^{228,230} Th	20	Nondetectable (Note 3)
2	Those nuclides not in Group 1 for which the nonoccupational MCP _s (Note 2) is 1×10^{-12} Ci/m ³ or less or for which the nonoccupational MCP _w (Note 4) is 1×10^{-6} Ci/m ³ or less	²⁵⁴ Es ²⁵⁸ Fm ^{128,131,133} I ²¹⁰ Po ²²³ Ra ⁹⁰ Sr ²³² Th ²³² U	200	2000 α Nondetectable β, γ (Note 5)
3	Those nuclides not in Group 1 or Group 2		1000	5000

*The levels may be averaged over one square meter provided the maximum activity in any area of 100 cm² is less than three times the limit value. For purposes of averaging with regard to isolated spots of activity, any square meter of surface shall be considered to be contaminated above the limit L , applicable to 100 cm² if (1) from measurements of a representative number n of sections it is determined that $1/n \sum S_i > L$, where S_i is the dpm/100 cm² determined from measurement of section i ; or (2) it is determined that the activity of all isolated spots or particles in any area less than 100 cm² exceeds $3L$.

†Disintegrations per minute per square decimeter.

NOTES:

(1) Values presented here are obtained from the *Code of Federal Regulations*, Title 10, Part 20, April 30, 1975. The most limiting of all given MCP values (for example, soluble versus insoluble) are to be used. In the event of the occurrence of mixtures of radionuclides, the fraction contributed by each constituent of its own limit shall be determined and the sum of the fractions shall be less than 1.

(2) Maximum permissible concentration in air applicable to continuous exposure of members of the public as published by or derived from an authoritative source such as the National Committee on Radiation Protection and Measurements (NCRP), the International Commission on Radiological Protection (ICRP), or the Nuclear Regulatory Commission (NRC). From the *Code of Federal Regulations*, Title 10, Part 20, Appendix B, Table 2, Column 1.

(3) The instrument utilized for this measurement shall be calibrated to measure at least 100 pCi of any Group-1 contaminants uniformly spread over 100 cm².

(4) Maximum permissible concentration in water applicable to members of the public.

(5) The instrument utilized for this measurement shall be calibrated to measure at least 1 nCi of any Group-2 beta or gamma contaminants uniformly spread over an area equivalent to the sensitive area of the detector. Direct survey for unconditional release should be performed in areas where the background is < 100 counts per minute. When the survey must be performed in a background exceeding 100 counts per minute, it may be necessary to use the indirect survey method to provide the additional sensitivity required.

- contractor development of this Decommissioning Plan, and incorporation of changes resulting from the comment process;
- DNA performance of a conceptual engineering evaluation to set the overall decommissioning cost and budget, approve a detailed schedule; adopt, specify, and approve technical baselines; and initiate long lead-time activities such as the waste disposal application or other required documentation;
- detailed engineering evaluation to provide the basis for key technical decisions, preparation of the detailed schedule, and the evaluation of safe work practices during plant dismantling, radiological evaluation and surveying, decontamination, packaging, shipping, and storing of all applicable equipment and machinery used in support of the JA Plutonium Soil Cleanup Project on Johnston Island.
- preparation of detailed standard operating procedures applicable to tasks identified under the scope of the Plan.

The decommissioning operation has as its objective the performance of decommissioning at minimum cost consistent with safety, security, and environmental and regulatory requirements.

SECTION 5

QUALITY ASSURANCE

The purpose of radiological surveys and other evaluations during the decommissioning effort is to demonstrate that equipment does or does not meet the established release criteria. Surveys must be performed in a manner that assures the results are accurate. Uncertainties inherent in each survey method must be adequately considered. The draft project Quality Assurance (QA) Plan (DNA, 1991) specifies the means to develop data quality objectives that determine survey type and design. The draft project QA Plan is expected to be adopted and to apply to all stages of equipment decommissioning, from the initial survey through final validation of the data and the interpretation of the results.

The consensus nuclear industry standard for QA is ANSI/ASME NQA-1, Quality Assurance Program Requirements for Nuclear Facilities (ANSI, 1989). The draft project QA program is consistent with this criteria.

SECTION 6

SAFETY

6.1 RADIATION PROTECTION.

Consistent with the approach for other project activities, TMA/Eberline will plan and monitor decommissioning tasks to assure that the health and safety of workers and other personnel, both on- and off-site, are adequately protected. TMA will maintain exposure to radiation As Low As Reasonably Achievable (ALARA) consistent with operational requirements and technical and economic feasibility in accordance with DoD Instruction 6055.8, Occupational Radiation Protection Program (DoD, 1983) as referenced in FCJ Instruction 1352.3D, JA Ionizing Radiation Safety (FCJ, 1986).

TMA/Eberline will conduct and document contamination control and radiation protection surveys for the protection of personnel performing decontamination activities. These surveys will be operational in nature, as opposed to determinations of the radiological status of machinery or equipment. TMA/Eberline will continue to conduct surveys during decommissioning activities as part of the project's ongoing radiation protection program.

6.2 INDUSTRIAL SAFETY AND HYGIENE.

The primary health and safety concerns during decommissioning activities are expected to be the potential industrial safety hazards found at any industrial, construction, or soil-handling site. These include the potential for hazards to personnel from energized electrical circuits, exposed excavations, enclosed work spaces, sharp objects, rough surfaces, moving heavy equipment, falling objects, burns or inhalation of toxic fumes from welding or cutting, trip hazards, and working at heights. All industrial and survey tasks should incorporate requirements for eliminating, avoiding, or minimizing these potential safety hazards during decommissioning activities, and for performing such activities in accordance with standards set by the Occupational Safety and Health Administration in Title 29, Code of Federal Regulations (29 CFR).

SECTION 7

ENVIRONMENTAL PROTECTION AND WASTE MANAGEMENT

7.1 RELEASE OF PLANT COMPONENTS.

TMA/Eberline staff will survey plant components for radiological contamination greater than established criteria for release for unrestricted use in accordance with approved TMA/Eberline procedures, and guidance specified in NRC, 1992. TMA will document survey results and report results to DNA for comparison with the criteria for release for unrestricted use, and recommendation for release as appropriate.

7.1.1 Radiological Surveys.

The purpose of equipment surveys is to demonstrate that the release criteria has been met. This demonstration will require collection of data for determining surface activity levels, direct exposure rates (if applicable), and supplemental information as requested by DNA (i.e., identification of components that may pose health and safety hazards in addition to radiological hazards, such as those coated with lead based paints). TMA staff will conduct surveys according to approved TMA/Eberline procedures, and record and document all aspects of the survey in detail. During the performance of surveys and evaluation of results, cross-contamination will be avoided and chain of custody of samples will be maintained where appropriate. Personnel conducting surveys will receive training commensurate with their duties.

7.1.2 Selection and Use of Radiological Survey Instruments.

7.1.2.1 Survey Data Requirements.

Surveys for decommissioning plant components will ordinarily require the collection of two types of radiological data:

- direct field measurements using portable instruments, and
- swipe sample or other analyses using fixed on-site Count Laboratory equipment.

For either type of measurement, TMA will select and properly use appropriate instruments to assure accurate determination of radiological status of components.

7.1.2.2 Current Instrument Selection.

Survey instruments of the type currently on-site are considered generally adequate for decommissioning requirements. Count Lab

instruments include a shielded Bicron FIDLER calibrated with a window around the 60 keV gamma from Am-241 coupled with an Eberline Model MS-2 MiniScaler; an Eberline Model RD-14 alpha swipe counter coupled with an Eberline Model MS-2 MiniScaler; and an Eberline SAC-4 alpha scintillation counter. Direct measurement instruments include a Bicron FIDLER (calibrated as above with a window around the 60 keV Am-241 gamma) coupled with an Eberline ESP-2 Smart Portable ratemeter/scaler; Eberline Model PG-1 and PG-2 Sodium Iodide (NaI) detectors coupled with Eberline Model PRS-1 ratemeters; and Eberline Model AC-3 alpha scintillation probes coupled with Eberline Model PRS-1 ratemeters. DNA will procure additional FIDLER/ESP-2 instruments for contractor use during the intensive survey/decontamination phase of operations.

7.1.3 Maintenance of Radiological Instrumentation.

Regardless of type or model, TMA will maintain, calibrate, and test all assigned measuring and monitoring equipment in accordance with approved TMA/Eberline procedures to ensure the validity of survey data. Both field and laboratory equipment will be calibrated based on standards traceable to the National Institute of Standards and Technology (NIST). Minimum frequencies for calibrating equipment are established by approved procedure.

TMA will field response check all measuring and monitoring equipment at least once every day the equipment is used, and will record the test results in graphic form on a control chart for comparison to predetermined, acceptable performance ranges. Equipment that does not conform to the performance criteria will be immediately removed from service, tagged, and segregated from ready-to-use instruments until the deficiency can be resolved.

7.2 RADIOLOGICAL DECONTAMINATION OF EQUIPMENT.

Soil sorting activities have not resulted in significant concentration of radionuclides in areas other than the contaminated conveyor and the "hot" particle collection drums. Lower levels of contamination could be encountered on the day bin feed conveyor, day bin, the soil washing feed conveyor, and the balance of the soil washing system culminating in the sludge ponds.

In the event that equipment or machinery is found to be contaminated with radionuclides above release criteria, it may be necessary to selectively apply various decontamination techniques. In order to prevent the generation of mixed wastes, and to minimize generation of additional waste streams, only non-toxic decontamination techniques will be applied. These may include, but are not limited to, hand scrubbing (with or without

Q-6.1

surfactants), low- or high-pressure water washing, abrasive cleaning or sanding, steam/hot water cleaning, or thermal treatment to remove contaminated paint or coatings.

7.3 ENVIRONMENTAL MONITORING.

7.3.1 Airborne Radioactivity.

Plant operating equipment was designed to minimize and contain dust generated during soil processing operations. The potential dust generating areas of the plant have also been located downwind to minimize dispersion of activity to "clean" plant areas. A minimum of three weeks of air sampling data is considered necessary to verify plant containment of dusts which could contain radioactivity. In the absence of sufficient data, or in case of elevated readings, all personnel working in the area of the feed preparation plant are required to wear respiratory protection.

During final soil processing operations and decommissioning activities, continuous air samples will continue to be obtained at work stations in the soil feed area, from samplers mounted on earth-moving equipment, and from other areas which have a high dust potential to evaluate concentrations of transuranics in air.

Air samples will be collected throughout the lifetime of the project, including during decommissioning activities, to verify that air concentrations are within the allowable Maximum Percent Concentration in Air (MPC_{air}). If air samples indicate alpha activity exceeding 25 percent of MPC_{air} in any plant area, respiratory protection will be required. Results of air samples are recorded and maintained as permanent project records. No samples have exceeded screening guidelines for plutonium concentrations in air during TMA/Eberline operations to date.

7.3.2 Perimeter and "Hot Line" Monitoring.

The Raytheon Services Nevada RSS will provide perimeter monitoring and establish and maintain the Radiological Control Area (RCA) "hot line" during decommissioning activities. Reports of results will be furnished directly to DNA.

7.4 WASTE STORAGE, PACKAGING AND SHIPPING.

DNA will store radioactive material concentrated from contaminated feed material processed through the JA Plutonium Soil Cleanup Plant in the designated storage bunker pending packaging for shipment. TMA/Eberline will package other radioactive materials resulting from plant dismantlement and decommissioning, or other materials inside the RCA that cannot be effectively decontaminated. The DNA-PM will direct storage of these materials.

SECTION 8

DISPOSITION OF REUSABLE EQUIPMENT

8.1 IDENTIFICATION AND CLASSIFICATION.

According to DNA (DNA, 1992), if no willing and able user (of the Plutonium Soil Cleanup Plant as a whole) has expressed interest in accepting custody of the plant after six months following cleanup project end, the plant will be disposed of as surplus. The depreciated value of plant components will be estimated, and components will then be classified in accordance with Defense Reutilization and Marketing Office (DRMO) and/or other applicable guidelines for disposal. Disposal Authority Codes and Supply Condition Codes, as well as information regarding request for DRMO assistance for disposal, are presented in APPENDIX B, SURPLUS EQUIPMENT CLASSIFICATION INFORMATION.

Some parts or components of the physical plant (i.e., the ramp of tamped soil and concrete emplaced berms used to drive heavy equipment up to the grizzly feed hopper) are site-specific to JA and not suitable for relocation. Whenever possible, equipment and components excess to the project will be released for unrestricted use elsewhere on the island. Generally, components will be classified as follows:

- components that can be decontaminated (if necessary) and released for unrestricted use,
- components that can be released for use with radiological controls in other contaminated areas,
- components suitable for disposal as contaminated waste,
- components suitable for disposal as clean waste.

8.2 PRESERVATION AND STORAGE.

Plant equipment and components scheduled for storage may require maintenance and/or treatment (such as painting) to prevent corrosion or to otherwise maintain usefulness. Such activities will be performed at the direction of the DNA-PM. Costs for materials are not included in this Plan.

8.3 PACKAGING AND SHIPPING.

Plant equipment and components scheduled for transfer and shipment to another activity will require packaging, loading, and documentation. Such activities will be performed at the direction of the DNA-PM. Costs for personnel, materials, and transportation are not included in this Plan.

SECTION 9

REFERENCES

- (GPO, 1990) Johnston Atoll National Wildlife Refuge, U.S. Government Printing Office, 1990-791-034/20.008.
- (USFWS, 1985) Hawaiian and Pacific Islands National Wildlife Refuges, Department of the Interior, U.S. Fish and Wildlife Service, RF 12510, September, 1985.
- (Amerson, 1976) Amerson, A. and Shelton, P., The Natural History of Johnston Atoll - Central Pacific Ocean, Smithsonian Institution Atoll Research Bulletin No. 192, December, 1976.
- (EPA, 1988) Guidance on Dose Limits for Persons Exposed to Transuranium Elements in the General Environment, EPA 520/4-77-016, Revised 1988.
- (DNA, 1990) Defense Nuclear Agency Contract DNA001-90-C-0119 with TMA/Eberline, August 6, 1990.
- (DNA, 1992) Memorandum, Dr. Edward T. Bramlitt to TMA, "Guidance for Plant Decommissioning and Maintenance," September, 1992.
- (FCJ, 1986) Johnston Atoll Ionizing Radiation Safety, FCJ Instruction 1352.3D, 19 September, 1986.
- (ANSI, 1978) Draft American National Standard for Control of Radioactive Surface Contamination on Materials, Equipment, and Facilities to Be Released for Uncontrolled Use, N13.12, 1978.
- (DoD, 1983) Occupational Radiation Protection Program, DoD Instruction 6055.8, Department of Defense, 1983.
- (NRC, 1992) Draft Manual for Conducting Radiological Surveys in Support of License Termination, NUREG/CR-5849.
- (DNA, 1991) Johnston Atoll Plutonium Soil Cleanup Project Draft Quality Assurance Plan, Defense Nuclear Agency, October, 1991.
- (ANSI, 1989) Quality Assurance Program Requirements for Nuclear Facilities, ANSI/ASME-NQA-1, 1989.

ANNEX A TO

APPENDIX B

LIST OF GOVERNMENT FURNISHED PROPERTY

A-1

B-26

PROPERTY NOMENCLATURE/DESCRIPTION	BARCODE	PARTNUM/NAME	SERIALNUM	MAKER	LOC	COST
AGITATOR, Pump and Motor	1997	9N084A	5K490G8152	W. W. Grainger	NA	\$1,027
AIR COMPRESSOR	3576	Sullair	003-89377	Blackhawk Equipment	SCP	\$5,950
AIR DRYER, Compressed, Wall mounted	1998	D10-100-0020	19576	Norgren	B795	\$1,134
AIR DRYER, Skid Mounted	3564	R40A	19404MB	Blackhawk Equipment Corp	B795	\$12,000
AIR SAMPLER	3560	680	7217	SM Tech Consultants Inc	B795	\$1,850
AIR SAMPLER	3561	680	7218	SM Tech Consultants Inc	B795	\$1,850
AIR SAMPLER	3562	680	7219	SM Tech Consultants Inc	B795	\$1,850
AIR SAMPLER, Environmental, Sierra/Misco	3576	680	1082	Sierra/Misco Inc	B795	\$600
AIR SAMPLER, Environmental, Sierra/Misco	3577	680	1083	Sierra/Misco Inc	B795	\$600
AIR SAMPLER, High Volume Staplex	3543	TF1A	18083N	Staplex	B795	\$500
AIR SAMPLER, Vehicle Mount	1934	8000DC	9111	Sierra/Misco Inc	B795	\$600
AIR SAMPLER, Vehicle Mount	1935	8000DC	9112	Sierra/Misco Inc	B795	\$600
AIR TANK, Compressed, Sorter 1/2					SCP	\$500
AIR TANK, Compressed, Sorter 3/4					SCP	\$500
BALANCE, TOP LOADING SCIENTIFIC	3212		8030110	Fisher Scientific	B795	\$1,232
BIN, Plant Feed, Sorter 1/2				TMA/Eberline	SCP	\$5,000
BIN, Plant Feed, Sorter 3/4				Portec, Pioneer Div	SCP	\$5,000
BIN, SURGE/STORAGE, 2400 Cu Ft	1977	88162	1362 A-1	Steel Structures Inc	SCP	\$20,949
CHUTE, Pantleg Housing, Sorter 1				Portec, Kolberg Div	SCP	\$5,000
CHUTE, Pantleg Housing, Sorter 2				Portec, Kolberg Div	SCP	\$5,000
CHUTE, Pantleg Housing, Sorter 3				Portec, Kolberg Div	SCP	\$5,000
CHUTE, Pantleg Housing, Sorter 4				Portec, Kolberg Div	SCP	\$5,000
CHUTE, Pantleg Splitter, Sorter 1/2 Feed				Portec, Kolberg Div	SCP	\$5,000
CHUTE, Splitter Gate W-109, Sorters 1/2 Feed				Portec, Pioneer Div	SCP	\$5,000
CHUTE, Splitter Gate W-110, Sorters 3/4 Feed				TMA/Eberline	SCP	\$5,000
CLASSIFIER with 3 HP MOTOR, Concentrate	1991	K		Hazen-Quinn Process Equip	NA	\$4,869
CLASSIFIER with 5 HP MOTOR, Washer North	1968	BM-D 12422	13191	Eagle Iron Works	S-702	\$21,610
CLASSIFIER with 5 HP MOTOR, Washer South	1970		13190	Eagle Iron Works	S-703	\$21,610
COMPUTER, Monitor Color IBM	3556		0495200	IBM	B795	\$400
COMPUTER, PC PRINTER, Epson	3001	LQ-850	0021002541	Epson America Inc	B795	\$500
COMPUTER, PC PRINTER, Epson	3557	FX-100	488192	Epson America Inc	B795	\$300
COMPUTER, PC PRINTER, Laser HP III		HP Laser III	6020470	Hewlett Packard	B795	\$1,524
COMPUTER, PERSONAL, Austin 486 33-MHz SYSTEM		Austin 486	VL433451	Austin Computer Systems	B795	\$4,332
COMPUTER, PERSONAL, Gateway 386 25-MHz SYSTEM		Gateway 2000	280551	Gateway Computer Corp	B795	\$5,380
COMPUTER, PERSONAL, Gateway 386 25-MHz SYSTEM		Gateway 2000	280550	Gateway Computer Corp	B795	\$3,470
COMPUTER, PERSONAL, Northgate 286 SYSTEM	2998			Northgate Computers	B795	\$1,500
COMPUTER, PERSONAL LAPTOP, Compaq 386, 3/25	3588	Contura	7229HCG22700	Compaq Computer Corp	B795	\$1,650
CONVEYOR, 21"X35'1/5 HP, Sorter 3/4 Feed				Portec, Pioneer Div	W-701	\$13,000
CONVEYOR, 21"X8'1/5 HP, Sorter 3/4 Feeder Belt				Portec, Pioneer Div	W-701A	\$8,000
CONVEYOR, 24"X100'1/7.5 HP, Silo Feed	1978	1324-100		Portec, Kolberg Div	W-301	\$18,936
CONVEYOR, 24"X15'1/5HP, 1/2-in Oversize	3012			Portec, Pioneer Div	W-502	\$11,056
CONVEYOR, 24"X35'1/5 HP, Soil Wash Feed	1976	1224-35		Portec, Kolberg Div	W-302	\$11,580
CONVEYOR, 24"X35'1/5 HP, Sorter 1/2 Clean	1980	1224-35		Portec, Kolberg Div	W-103	\$9,080
CONVEYOR, 24"X35'1/5 HP, Sorter 1/2 Hot	1979	1224-35		Portec, Kolberg Div	W-106	\$9,080
CONVEYOR, 24"X35'1/5 HP, Sorter 3/4 Clean	1972	1224-35		Portec, Kolberg Div	W-709	\$9,080
CONVEYOR, 24"X38'1/5 HP, Sorter 1/2 Feed	1984	1224-38	1224-88-8575	Portec, Kolberg Div	W-403	\$15,832
CONVEYOR, 24"X60'1/7.5 HP, Vibrating Screen feed	3013			Portec, Pioneer Div	W-403	\$14,172
CONVEYOR, 24"X70'1/3&7 HP, Sorter 1/2 Stacker	1981	124-70GRD		Portec, Kolberg Div	W-104	\$24,720
CONVEYOR, 24"X70'1/3&7 HP, Sorter 3/4 Stacker	1973	124170-GRD		Portec, Kolberg Div	W-710	\$24,720
CONVEYOR, 30"X6'1/5 HP, Grizzly Underflow	1987	930-6	2131-930-6-88	Portec, Pioneer Div	W-402	\$17,066
CONVEYOR, 36"X19'1/5 HP, Sorter 1	1983	1236-19		Portec, Kolberg Div	W-101	\$15,160
CONVEYOR, 36"X19'1/5 HP, Sorter 2	1982	1236-19		Portec, Kolberg Div	W-102	\$15,160

CONVEYOR, 36"x19" 1/5 HP, Sorter 3	1969 1236-29		Portec, Kolberg Div	W-703	\$15,160
CONVEYOR, 36"x19" 1/5 HP, Sorter 4	1971 1236-19		Portec, Kolberg Div	W-704	\$15,160
CONVEYOR, BELT MAGNET	3546 104391	910104	Acrodyne Corp.	SCP	\$3,000
CONVEYOR, BELT WIPERS, 4 ea			Richwood Industries	SCP	\$10,000
CONVEYOR, SPEED DRIVE, ADJ FREQ, Sorter 1	3547		Hydrologics, Inc.	SCP	\$11,750
CONVEYOR, SPEED DRIVE, ADJ FREQ, Sorter 2	3553		Hydrologics, Inc.	SCP	\$11,750
CONVEYOR, SPEED DRIVE, ADJ FREQ, Sorter 3	3570		Hydrologics, Inc.	SCP	\$10,350
CONVEYOR, SPEED DRIVE, ADJ FREQ, Sorter 4	3568		Hydrologics, Inc.	SCP	\$10,350
CONVEYOR, SPEED DRIVE, TRANSFORMER, Sorter 1	3548		Hydrologics, Inc.	SCP	\$2,000
CONVEYOR, SPEED DRIVE, TRANSFORMER, Sorter 2	3552		Hydrologics, Inc.	SCP	\$2,000
CONVEYOR, SPEED DRIVE, TRANSFORMER, Sorter 3	3571		Hydrologics, Inc.	SCP	\$2,000
CONVEYOR, SPEED DRIVE, TRANSFORMER, Sorter 4	3569		Hydrologics, Inc.	SCP	\$2,000
CRUSHER, Hammermill	1986 4034	4034-F-155	Portec, Pioneer Div	NA	\$52,788
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1938 NA14-4MX.080-2	881111-2	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1939 NA14-4MX.080-2	881111-6	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1940 NA14-4MX.080-2	881111-12	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1941 NA14-4MX.080-2	881006-9	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1942 NA14-4MX.080-2	881111-4	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1943 NA14-4MX.080-2	881111-1	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1944 NA14-4MX.080-2	881111-9	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1945 NA14-4MX.080-2	881020-9	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1946 NA14-4MX.080-2	881006-13	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1947 NA14-4MX.080-2	881020-1	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1948 NA14-4MX.080-2	881111-7	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1949 NA14-4MX.080-2	881111-11	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1950 NA14-4MX.080-2	881020-16	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1951 NA14-4MX.080-2	881111-10	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1952 NA14-4MX.080-2	881020-11	Rexon Components, Inc.	S-3	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1953 NA14-4MX.080-2	881006-14	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1954 NA14-4MX.080-2	881111-18	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1955 NA14-4MX.080-2	881006-11	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1956 NA14-4MX.080-2	881111-19	Rexon Components, Inc.	B795	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1957 NA14-4MX.080-2	881020-3	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1958 NA14-4MX.080-2	881020-2	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1959 NA14-4MX.080-2	881111-13	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1960 NA14-4MX.080-2	881006-19	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1961 NA14-4MX.080-2	881020-10	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1962 NA14-4MX.080-2	881111-24	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1963 NA14-4MX.080-2	881006-15	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1964 NA14-4MX.080-2	881111-8	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1965 NA14-4MX.080-2	881020-14	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1966 NA14-4MX.080-2	881020-20	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	1967 NA14-4MX.080-2	881111-3	Rexon Components, Inc.	S-4	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2022	881006-4	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2023	881006-6	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2024	881006-17	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2025	881020-7	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2026	881020-4	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2027	881020-13	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2028	881020-18	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2029	881020-12	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2030	881020-15	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2031	881006-5	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2032	881006-16	Rexon Components, Inc.	S-2	\$395

DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2033	881006-18	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2034	881020-5	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2035	881020-17	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2036	881111-23	Rexon Components, Inc.	S-2	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2037	881111-20	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2038	881006-3	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2039	881006-12	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2040	881006-7	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2041	881111-22	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2042	881111-7	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2043	881111-15	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2044	881010-19	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2045	881020-06	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2046	881111-14	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2047	881111-16	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2048	881111-5	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2049	881020-8	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2050	881006-8	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2051	881111-21	Rexon Components, Inc.	S-1	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	2052	881111-25	Rexon Components, Inc.	B795	\$395
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	3445	910514-6	Rexon Components, Inc.	B795	\$490
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	3446	910514-5	Rexon Components, Inc.	B795	\$490
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	3447	910514-9	Rexon Components, Inc.	B795	\$490
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	3448	910514-8	Rexon Components, Inc.	B795	\$490
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	3449	910514-7	Rexon Components, Inc.	B795	\$490
DETECTOR, 4-in by 4-in thin NaI Gamma Scint	3527	910514-4	Rexon Components, Inc.	B795	\$490
DETECTOR, 5-in diam/thin NaI Scint (FIDLER)	3528	B6880	Bicron	B795	\$3,690
DETECTOR, 5-in diam/thin NaI Scint (FIDLER)	3541 FIDLER	A0640	Bicron	B795	\$3,500
DETECTOR, Scintillation MILLIPOR	1196 SPA-1			SCP	\$550
DETECTOR, ZnS Alpha Scintillator, 4-in Diameter	3515 RD-14A	407	Eberline Instrument Corp	B190	\$2,995
DOLLIE, Drum			W. W. Grainger	B795	\$56
DOLLIE, Drum			W. W. Grainger	B795	\$56
DOLLIE, Drum			W. W. Grainger	B795	\$56
DRIVE/3 HP MOTOR, Jig 1	2006 MASS1	M20E1303-TP	Reeves Product Plant	SCP	\$9,000
DRIVE/3 HP MOTOR, Jig 2	2007 MASS1		Reeves Product Plant	SCP	\$9,000
DRIVE/3 HP MOTOR, Jig 3 (Concentrate)	1996 MASS1	80122-VP	Reeves Product Plant	SCP	\$9,000
DRUM ROTATOR TOOL, Forklift accessory	3530		Ellen Equipment Corp.	B795	\$3,825
FAX MACHINE	3542 A501	2-6203105	Canon USA Inc	B795	\$1,500
GRIZZLY, 8" One-way, Feed Unit				S-401	\$10,000
JIG, MINERAL 42"x42" Duplex, Decon Left	1974		Goldfield Engineering	SCP	\$12,950
JIG, MINERAL 42"x42" Duplex, Decon Right	3010		Goldfield Engineering	SCP	\$12,950
JIG, MINERAL Small	1995		Goldfield Engineering	MA	\$9,715
LEVEL GAUGE, Day Bin, Sensor/Meter	3017 YOYO Mark III	LBV201120	Bindicator	SCP	\$1,734
LEVELING GATE, Sorter 1			TMA/Eberline	SCP	\$1,000
LEVELING GATE, Sorter 2			TMA/Eberline	SCP	\$1,000
LEVELING GATE, Sorter 3			TMA/Eberline	SCP	\$1,000
LEVELING GATE, Sorter 4			TMA/Eberline	SCP	\$1,000
LINER, Pond, 1 Ea			Nature Corp	SCP	\$15,000
LINER, Pond, 2 Ea			Palco Linings	SCP	\$6,413
METER, Mass Flow/Density, with Sensor			Micro Motion Inc.	SCP	\$7,700
METER, Volume Flow, with Sensor	3585 1130		Davis & Davis	SCP	\$1,400
METER, Volume Flow, with Sensor	3586 1130	3848	Davis & Davis	SCP	\$1,400
METER, Volume Flow, with Sensor	3587 1130	3849	Davis & Davis	SCP	\$1,400
MIXER, Portable	1994 XJ30	88370366	Lightnin Mixers/Aerators	MA	\$1,095

MOTOR CONTROL CENTER, Sorters 1/2			Kidston Engineering	SCP	\$10,335
MOTOR CONTROL CENTER, Sorters 3.4			Kidston Engineering	SCP	\$10,335
MOTOR CONTROL CENTER, SS/For 100 HP Crusher	3011		Portec, Pioneer Div	SCP	\$8,655
MOTOR CONTROL CENTER, Wet End			Kidston Engineering	SCP	\$10,335
MULTIMETER, FLUKE	3563 85	53260152	John Fluke	B795	\$1,000
OVEN, Laboratory Drying	3558 17TA-1	SH3312	Baxter Scientific	B795	\$600
POWER SUPPLY, 24V (SPARE)	24N4.8		ACDC Electronics	B795	\$100
POWER SUPPLY, High Voltage (SPARE)	606C-15P		Bertan Associates	B795	\$100
PULSER, Mini	3536 MP-1	421	Eberline Instrument Corp	B795	\$1,050
PULSER, Mini	3537 MP-1	260	Eberline Instrument Corp	B100	\$1,050
PUMP, 20 HP Motor, Return Classifier-to-Pond	2066 84A2B	895574	Gorman-Rupp	P-708	\$3,600
PUMP, 20 HP Motor, Supply Pond-to-Classifer	2067 84A2B	895577	Gorman-Rupp	P-707	\$3,600
PUMP, 3 HP, Secondary Jig Supply	1975 SPV181-1.5"	32404.11	Sala Pumps/Process Equip	NA	\$2,050
PUMP, 7.5 HP Motor, SUMP, Agitator			Sala Pumps/Process Equip	NA	\$4,778
PUMP, AIR SULLAIR	3567 E08E15.LA46CF6	003-89377	Sullair	NA	\$6,000
PUMP, VERTICAL SLURRY, 30 GPM, Overflow Return	1992 SPV181-1.5"	32404.1.3	Sala Pumps/Process Equip	NA	\$2,050
PUMP, VERTICAL SLURRY, 30 GPM, Underflow Return	1993 SPV181-1.5"	32404.1.2	Sala Pumps/Process Equip	NA	\$2,050
RADIATION MONITOR, Environmental	2963 ERM-2	144	Eberline Instrument Corp	SCP	\$11,000
RADIATION SORTER BOARD, Detector, 64 ea	SP17D(2)		Eberline Instrument Corp	SCP	\$57,525
RADIATION SORTER BOARD, Master Controller, 5 ea	SP24C(5)		Eberline Instrument Corp	SCP	\$4,650
ROLLERS, DRUM HANDLING			Global Industrial Equip	SCP	\$5,100
SCALE, Conveyor Wt, METER, Classifier Feed	3544 1130		Reide Systems, Inc.	B795	\$3,075
SCALE, Conveyor Wt, METER, Inventory	3545 1130		Reide Systems, Inc.	B795	\$3,075
SCALE, Conveyor Wt, METER, Sorter 1/2 Clean	2004 1130	3235	Reide Systems, Inc.	B795	\$2,440
SCALE, Conveyor Wt, METER, Sorter 1/2 Feed	2005 1130	3234	Reide Systems, Inc.	B795	\$2,440
SCALE, Conveyor Wt, METER, Sorter 1/2 Hot	3587 1130	3849	Reide Systems, Inc.	B795	\$3,225
SCALE, Conveyor Wt, METER, Sorter 3/4 Clean	3585 1130	3850	Reide Systems, Inc.	B795	\$3,225
SCALE, Conveyor Wt, METER, Sorter 3/4 Feed	3586 1130	3848	Reide Systems, Inc.	B795	\$3,225
SCALE, Conveyor Wt, METER, Vib-Screen Feed	2003 1130	3233	Reide Systems, Inc.	B795	\$2,440
SCALE, Conveyor Wt, SENSOR, Classifier Feed	WE-15		Reide Systems, Inc.	X-305	\$2,440
SCALE, Conveyor Wt, SENSOR, Inventory	3584 WE-15		Reide Systems, Inc.	B795	\$3,225
SCALE, Conveyor Wt, SENSOR, Sorter 1/2 Clean	3578 WE-15		Reide Systems, Inc.	X-109	\$3,225
SCALE, Conveyor Wt, SENSOR, Sorter 1/2 Feed	3580 WE-15		Reide Systems, Inc.	X-412	\$2,440
SCALE, Conveyor Wt, SENSOR, Sorter 1/2 Hot	3581 WE-15		Reide Systems, Inc.	X-712	\$3,075
SCALE, Conveyor Wt, SENSOR, Sorter 3/4 Clean	3582 WE-15		Reide Systems, Inc.	X-711	\$3,075
SCALE, Conveyor Wt, SENSOR, Sorter 3/4 Feed	3583 WE-15		Reide Systems, Inc.	X-710	\$3,225
SCALE, Conveyor Wt, SENSOR, Vib-Screen Feed	3579 WE-15		Reide Systems, Inc.	X-405	\$2,440
SCALE, MANUALS/MISC PARTS			Reide Systems, Inc.	B795	\$1,090
SCALE, Weight Dynabar EMERY	2962		Emery Scale Company	B795	\$600
SCALE, Weight MICROPROCESSOR	2961 AHE260-00	62346	Emery Scale Company	B795	\$2,000
SCALE, Weight Platform, Heavy Duty	3565 5000	6585	Arlyn Scales	B795	\$6,000
SCALER, Mini	3538 MS-2	656	Eberline Instrument Corp	B190	\$1,470
SCALER, Mini	3539 MS-2	354	Eberline Instrument Corp	B190	\$1,470
SCREEN, Vibrating, 2-Decks/7.5 HP Motor	1985 3x10-20K	310-22B-1009	Portec, Pioneer Div	SCP	\$28,252
SIEVE, SHAKER, 10 Trays, 4.75 mm - 50 mm	1988 Portascreen	2746	Gilson Company, Inc.	B785	\$2,500
SIEVE, SHAKER, 6 Trays, 45 um - 2mm	RX-24		Gelman Sciences	B795	\$500
SORTER, CONTROL PANEL, Hot Particle	3551		Hydrologics	SCP	\$3,200
SORTER, CONTROL PANEL, Sorter 1	3549		Topro Services Inc	SCP	\$1,285
SORTER, CONTROL PANEL, Sorter 2	3555		Topro Services Inc	SCP	\$1,285
SORTER, CONTROL PANEL, Sorter 3	3575		Topro Services Inc	SCP	\$3,285
SORTER, CONTROL PANEL, Sorter 4	3573		Topro Services Inc	SCP	\$5,285
SORTER, DETECTOR BOX, Sorter 1	3015		Cromwells Welding Co	SCP	\$1,745
SORTER, DETECTOR BOX, Sorter 2	3014		Cromwells Welding Co	SCP	\$1,745
SORTER, DETECTOR BOX, Sorter 3	3008		Cromwells Welding Co	SCP	\$1,745

SORTER, DETECTOR BOX, Sorter 4	3007		Cromwells Welding Co	SCP	\$1,745
SORTER, GATES/SOLENOID, Hot Particle		S-111	Simpson Steel Fabrication	S-111	\$3,800
SORTER, GATES/SOLENOID, Sorter 1	3554	S-107	Topro Services Inc	S-107	\$8,000
SORTER, GATES/SOLENOID, Sorter 2	3550	S-108	Topro Services Inc	S-108	\$8,000
SORTER, GATES/SOLENOID, Sorter 3	3574	S-109	Topro Services Inc	S-109	\$8,000
SORTER, GATES/SOLENOID, Sorter 4	3572	S-110	Topro Services Inc	S-110	\$8,000
SORTER, PLATFORMS, 2 ea			Simpson Steel Fabrication	SCP	\$13,100
SURVEY INSTRUMENT, Alpha	3540 SAC-4	255	Eberline Instrument Corp	B190	\$2,950
SURVEY INSTRUMENT, Alpha/Gamma	3534 PAC-1SAGA	2531	Eberline Instrument Corp	B795	\$2,100
SURVEY INSTRUMENT, Alpha/Gamma	3535 PAC-1SAGA	2530	Eberline Instrument Corp	B795	\$2,100
SURVEY INSTRUMENT, LUDLUM	3533 43-1	PRO3356B	Ludlum Measurements Inc	B795	\$1,000
SURVEY INSTRUMENT, Radiation	2012 ESP-2	00645	Eberline Instrument Corp	B795	\$1,100
SURVEY INSTRUMENT, Radiation	2014 ESP-2	00646	Eberline Instrument Corp	B795	\$1,100
SURVEY INSTRUMENT, Ratemeter/Alarming	3531		Eberline Instrument Corp	B795	\$800
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1092 RASCAL PRS-1	146	Eberline Instrument Corp	EIC	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1161 RASCAL PRS-1	126	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1164 RASCAL PRS-1	135	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1165 RASCAL PRS-1	192	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1166 RASCAL PRS-1	191	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1894 RASCAL PRS-1	127	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1895 RASCAL PRS-1	138	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1896 RASCAL PRS-1	144	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1897 RASCAL PRS-1	193	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1898 RASCAL PRS-1	199	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1899 RASCAL PRS-1	200	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	1930 RASCAL PRS-1	151	Eberline Instrument Corp	B795	\$1,850
SURVEY INSTRUMENT, Scaler/Ratemeter/SCA	2017 RASCAL PRS-1	118	Eberline Instrument Corp	B795	\$1,850
TACHOMETER, HAND-HELD			Lakeland	B795	\$300
TALKIE, Handy	49-85	0049723	Maxon Corp	B795	\$50
TALKIE, Handy	49-85	0049830	Maxon Corp	B795	\$50
TALKIE, Handy	49-85	0045256	Maxon Corp	B795	\$50
TALKIE, Handy	49-85	004663	Maxon Corp	B795	\$50
VACUUM CLEANER, HEPA filter	3529 GS-83	31188	Nilfisk of American Inc	B795	\$3,570
VEHICLE, 8-Passenger Van			Ford	SCP	\$10,000
VEHICLE, Fork Lift		60	Hyster	SCP	\$25,000
VEHICLE, Front End Loader		520C	Dresser	SCP	\$80,000
WEIGHT INDICATOR/WEIGH BAR	33534 260/1010		Emery Scale Company	B795	\$3,450
WEIGHTS, Calibration Set	3213	31742	Fisher Scientific	B795	\$345
WELDER, ARC Lincoln	3566 TIG 250/250	AC-869713	Lincoln	B795	\$2,100
WELDER, ARC Powcon 460V, SYSTEM	3532 101201-001	3S207869	Powcon	B795	\$4,900

TOTAL NUMBER OF ITEMS:

254

TOTAL PURCHASE COST OF ITEMS:

\$1,156,277

NOTE: LOCATION "SCP" is Soil Cleanup Plant; "B" is building; See Thermo Consulting Engineers, Dwg PF.

ANNEX B TO
APPENDIX B
SURPLUS EQUIPMENT CLASSIFICATION INFORMATION

B-1

B-32

DOD PROPERTY IN THE CUSTODY OF CONTRACTORS

(DFARS 45.505-14)

(See Instructions on reverse before completing this form.)

REPORT AS OF
30 SEP 19 ____
OR

Form Approved
OMB No. 0704-0245
Expires Apr 30, 1989

REPORT CONTROL SYMBOL
DD - A&L(A)1087

1. TO (Enter name and address of property administrator)				2. FROM (Enter full name and address of contractor)			
3. IF GOVERNMENT - OWNED, CONTRACTOR - OPERATED PLANT, ENTER GOVERNMENT NAME OF PLANT							
4. CONTRACT NO. (PIIN)		5. CONTRACT PURPOSE	6. BUSINESS TYPE (L, S, or N)	7. OFFICIAL NAME OF PARENT COMPANY			
8. PROPERTY LOCATION(S)				9. PLANT EQUIPMENT PACKAGE (PEP No. and use)			
a. PROPERTY (Type or Account)	b. BALANCE BEGINNING OF PERIOD		c. ADDITIONS (in dollars)	d. DELETIONS (in dollars)	e. BALANCE END OF PERIOD		
	(1) Acquisition Cost (in dollars)	(2) Quantity (in units or acres)			(1) Acquisition Cost (in dollars)	(2) Quantity (in units or acres)	
10. LAND							
11. OTHER REAL PROPERTY							
12. OTHER PLANT EQUIPMENT							
13. INDUSTRIAL PLANT EQUIPMENT							
14. SPECIAL TEST EQUIPMENT							
15. SPECIAL TOOLING (Government Title Only)							
16. MILITARY PROPERTY (Agency-Peculiar)							
17. GOVERNMENT MATERIAL (Government-Furnished)							
18. GOVERNMENT MATERIAL (Contractor-Acquired)							
CERTIFICATION I certify that this report was prepared under DoD requirements from records maintained under FAR and DFARS 45.5.							
19. CONTRACTOR REPRESENTATIVE							
a. TYPED NAME			b. SIGNATURE		c. DATE SIGNED		
DOD PROPERTY REPRESENTATIVE							
a. TYPED NAME			c. SIGNATURE		d. DATE SIGNED		
b. TELEPHONE NUMBERS (Commercial and Autovon)							

REPORTING INSTRUCTIONS

GENERAL. The prime contractor shall report all DoD property (as indicated) in its custody or in that of its subcontractors as of September 30 to the Government Property Representative by October 21 of each year. Report zero balances on contracts accountable for DoD property when they close.

REPORT AS OF 30 SEP 19 . Fill in the appropriate year (or other date).

ITEM 1 - TO. Enter the name of the Government Property Representative, the Contract Administration Office or other office the Government Property Representative works for, and the full mailing address (including City, State, and ZIP + 4).

ITEM 2 - FROM. Enter the full name and address of the reporting contractor with the Division name stated after the Corporate name. Use the name as it appears on the contract but omit articles and insert spaces between company names that are made up of letters like B D M International Inc., for example

ITEM 3 - Enter the Government name of the plant if the plant is Government-owned and Contractor-operated. Leave blank if it is a contractor-owned plant.

ITEM 4 - CONTRACT NO. (PIIN). Enter the 13-digit contract number or Procurement Instrument Identification Number (PIIN) under which the Government property is accountable. Use format XXXXXX-XX-X-XXXX.

ITEM 5 - CONTRACT PURPOSE. Enter one of the following 1-character alphabetic codes to identify the general purposes of the contract:

- a. RDT&E
- b. Supplies and Equipment (deliverable end items)
- c. Facilities Contract
- d. Lease of facilities by the contractor
- e. Maintenance, Repair, Modification, or Rebuilding of Equipment
- f. Operation of a Government-Owned Plant or Facilities including test sites, ranges, installations
- g. Service contract performed primarily on Military Installations, test facilities, ranges or sites
- h. Contract for storage of Government Property
- i. Others

ITEM 6 - TYPE OF BUSINESS. Enter a 1-character alphabetic code indicating the type of business concern

L = Large S = Small N = Non-profit

(See FAR Part 19 for definition of Small and FAR 31.701 for definition of Non-Profit.)

ITEM 7 - Enter the name of the Parent Corporation of the Reporting Contractor. The Parent Corporation is the one in which common stock has been issued irrespective of whether the stock is publicly traded or not and which is not a subsidiary of another corporation

ITEM 8 - PROPERTY LOCATION(S). Enter the primary location(s) of the property if it is located at site(s) other than that of the Reporting Contractor, e.g., location of subcontract property or property at alternate sites of the prime contractor. Location is the City, State and Zip or the Military Installation or the Foreign site. Limit input to 69 characters. NOTE: Can be used as a "REMARKS" field.

ITEM 9 - PLANT EQUIPMENT PACKAGE. Enter the Number and Use of a Plant Equipment Package (PEP) if one exists on this contract. Leave blank otherwise. Example: ARMY PEP #570 - 81 mm Shells.

ITEMS 10 - 18.b.(1) - ACQUISITION COST (BALANCE AT THE BEGINNING OF THE FISCAL YEAR). Enter the acquisition cost for each type of property as defined in FAR or DFARS 45.5. The amounts reported must agree with the amounts reported in the previous year for BALANCE AT END OF PERIOD.

ITEMS 10, 12 - 16.b.(2) - QUANTITY (BALANCE AT BEGINNING OF THE FISCAL YEAR). Enter the quantity for all categories of Government property except for Other Real Property and Material on hand at the beginning of the fiscal year. The amounts reported must agree with the amounts reported in the previous year for BALANCE AT END OF PERIOD

ITEMS 10 - 16.c. - ADDITIONS (in dollars). For the property categories indicated, enter the acquisition cost for the total additions to the contract from any source during the fiscal year. Do not enter for Government Material.

ITEMS 10 - 16.d. - DELETIONS (in dollars). For the property categories indicated, enter the acquisition cost for the total deletions from the contract during the fiscal year. Do not enter for Government Material.

ITEMS 10 - 18.e.(1) - ACQUISITION COST (BALANCE AT THE END OF THE FISCAL YEAR). Enter the acquisition cost for each type of property as defined in FAR or DFARS 45.5.

ITEMS 10, 12 - 16.e.(2) - QUANTITY (BALANCE AT END OF FISCAL YEAR). Enter the quantity for all categories of Government Property except for Other Real Property and Material on hand at the end of the fiscal year. These will be carried forward to reflect the balance at the beginning of the following year

ITEM 19 - CONTRACTOR REPRESENTATIVE. Type the name of the contractor representative authorized by the property control system to sign this report. This will be the person certifying the report was prepared under DoD reporting requirements from records maintained by the contractor under FAR & DFARS 45.5. Date and signature of person indicated in Item 19.a

ITEM 20 - DOD PROPERTY REPRESENTATIVE. Type the name of the DoD Property Administrator or other Authorized Property Representative, plus that individual's commercial area code and telephone number and AUTOVON number (if one exists). Signature and date

NOTE TO CONTRACTOR: When reporting more than one contract from the same location and the same contractor, you may elect to fill out Data Elements 1, 3, 6, 7, and 19 only once as long as each form can be readily identified if any form becomes separated from the others. The certification in such cases will apply to all forms submitted whether or not each form is individually signed

INVENTORY SCHEDULE B (See SF-1425 for Instructions)		TYPE OF CONTRACT		DATE		FORM NO. 3090-0120	
TYPE OF INVENTORY <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		<input type="checkbox"/> TERMINATION <input type="checkbox"/> NONTERMINATION		PROPERTY CLASSIFICATION		PAGE NO. NO. OF PAGES	
<input type="checkbox"/> RAW MATERIALS (Other than metals)		<input type="checkbox"/> PURCHASED PARTS		COMPANY PREPARING AND SUBMITTING SCHEDULE			
<input type="checkbox"/> FINISHED PRODUCT		<input type="checkbox"/> PLANT EQUIPMENT		STREET ADDRESS			
THIS SCHEDULE APPLIES TO (Check one)		<input type="checkbox"/> SUBCONTRACT OR PURCHASE ORDER REFERENCE NO.		CITY AND STATE (Include ZIP Code)			
<input type="checkbox"/> A PRIME CONTRACT WITH THE GOVERNMENT		GOVERNMENT PRIME CONTRACT NO. SUBCONTRACT OR P.O. NO.		LOCATION OF MATERIAL			
NAME		CONTRACTOR WHO SENT NOTICE OF TERMINATION					
ADDRESS (Include ZIP Code)							
PRODUCT COVERED BY CONTRACT OR ORDER							

FOR USE OF CON- TRACT- ING AGENCY ONLY	ITEM NO.	ITEM DESCRIPTION (b)	GOVERNMENT PART OR DRAWING NUMBER AND REVISION NUMBER (b1)	TYPE OF PACKING (Bulk, bbls., crates, etc.) (b2)	CONDITION (Use code) (c)	QUAN- TITY OF MEASURE (d1)	COST (For finished product, show contract price instead of cost)		CONTRACTORS OFFER (g)	FOR USE OF CON- TRACT- ING AGENCY ONLY
							UNIT (e)	TOTAL (f)		
	(a)					(d1)	(e)	(f)	(g)	

INVENTORY SCHEDULE CERTIFICATE

The undersigned, personally and as representative of the Contractor, certifies that this inventory Schedule consisting of page numbers _____ to _____ inclusive, dated _____ has been examined, and that in the exercise of the signer's best judgment and to the best of the signer's knowledge, based upon information believed by the signer to be reliable, said Schedule has been prepared in accordance with applicable instructions; that the inventory described is allocable to the designated contract and is located at the places specified; if the property reported is termination inventory, that the quantities are not in excess of the reasonable quantitative requirements of the terminated portion of the contract; that this Schedule does not include any items reasonably usable, without loss to the Contractor, on its other work; and that the costs shown on this Schedule are in accordance with the Contractor's records and books of account.

The Contractor agrees to inform the Contracting Officer of any substantial change in the status of the inventory shown in this Schedule between the date hereof and the final disposition of such inventory.

Subject to any authorized prior disposition, title to the inventory listed in this Schedule is hereby tendered to the Government and is warranted to be free and clear of all liens and encumbrances.

NAME OF CONTRACTOR		BY (Signature of Authorized Official)		DATE	
NAME OF SUPERVISORY ACCOUNTING OFFICIAL		TITLE		TITLE	

INVENTORY SCHEDULE D
(SPECIAL TOOLING AND SPECIAL TEST EQUIPMENT)
(See SF 1425 for Instructions)

TYPE

☐ PARTIAL
☐ FINAL

THIS SCHEDULE APPLIES TO (Check one)

☐ A PRIME CONTRACT WITH THE GOVERNMENT
GOVERNMENT PRIME CONTRACT NO.

☐ SUBCONTRACT OR PURCHASE ORDER
REFERENCE NO.

TERMINATION

NONTERMINATION

FORM NO.

3090-0120

DATE

PROPERTY CLASSIFICATION

PAGE NO. OF PAGES

COMPANY PREPARING AND SUBMITTING SCHEDULE

STREET ADDRESS

CITY AND STATE (Include ZIP Code)

LOCATION OF MATERIAL

PRODUCT COVERED BY CONTRACT OR ORDER

FOR USE OF CON- TRACT- ING AGENCY ONLY	ITEM NO. (a)	ITEM DESCRIPTION (b)	CONDITION (Use Code) (c)	QUAN- TITY (d)	UNIT (e)	TOTAL (f)	COST		CONTRACTOR'S OFFER (g)	FOR USE OF CON- TRACT- ING AGENCY ONLY
							APPLICABLE TO THIS CONTRACT	TO PORTION NOT TO BE COMPLETED (f2)		

INVENTORY SCHEDULE CERTIFICATE

The undersigned, personally and as representative of the Contractor, certifies that this inventory Schedule consisting of page numbers _____ to _____ inclusive, dated _____ has been examined, and that in the exercise of the signer's best judgment and to the best of the signer's knowledge, based upon information believed by the signer to be reliable, said Schedule has been prepared in accordance with applicable instructions; that the inventory described is allocable to the designated contract and is located at the places specified; if the property reported is termination inventory, that the quantities are not in excess of the reasonable quantitative requirements of the terminated portion of the contract; that this Schedule does not include any items reasonably usable, without loss to the Contractor, on its other work; and that the costs shown on this Schedule are in accordance with the Contractor's records and books of account.

The Contractor agrees to inform the Contracting Officer of any substantial change in the status of the inventory shown in this Schedule between the date hereof and the final disposition of such inventory.

Subject to any authorized prior disposition, title to the inventory listed in this Schedule is hereby tendered to the Government and is warranted to be free and clear of all liens and encumbrances.

NAME OF CONTRACTOR

BY (Signature of Authorized Official)

TITLE

DATE

NAME OF SUPERVISORY ACCOUNTING OFFICIAL

TITLE

NSN 7540-01-140-5519

1432-101

CPD : 1983 0 - 381-526 (9029)

STANDARD FORM 1432 (10-83)

Prescribed by GSA

APPENDIX C

STANDARD OPERATING PROCEDURES FOR FIELD SOURCE TECHNIQUES,
SOURCE BOARD EFFICIENCY AND BELT TIMING PROCEDURES

TMA/EBERLINE
STANDARD PROCEDURES MANUAL
FOR THE
JOHNSTON ATOLL PLUTONIUM CLEANUP PROJECT

FIELD SOURCE CHECK TECHNIQUES, SOURCE BOARD EFFICIENCY
AND BELT TIMING PROCEDURES

APPROVED:

_____ TECHNICAL DIRECTOR, JA PROJECT	_____ DATE
_____ PROGRAM DIRECTOR, JA PROJECT	_____ DATE
_____ PRESIDENT, TMA/EBERLINE	_____ DATE

FIELD SOURCE CHECK TECHNIQUES, SOURCE BOARD EFFICIENCIES AND BELT TIMING PROCEDURES

1.0 PURPOSE.

The purpose of this procedure is to implement standard techniques for operational quality control checks for various conveyor belts within the facility.

2.0 SCOPE.

This procedure applies to the processing of coral soil for the Johnston Atoll Plutonium Cleanup Project. Specific techniques for timing conveyor belts, source checking the detector systems, and running detector efficiencies utilizing an array of low energy gamma sources (source board) are implemented for quality assurance determinations of plant functional parameters.

This Procedure shall be followed by all Project personnel engaged in on-site activities within the scope of QA/QC methodology described by this procedure.

3.0 REFERENCES.

- 3.1 TMA/Eberline FUSRAP Health Physics Operational Procedures Manual, Section 4.0, "Air, Soil and Water Radiological Sampling," applicable portions.
- 3.2 FCJ Instruction 1352.3D, 19 September 1986, Johnston Atoll Ionizing Radiation Safety.

4.0 INTRODUCTION.

The sorting belt revolution timing, detector system efficiency and functional response at the Johnston Atoll Plutonium processing plant are checked at intervals determined to maintain a high level of confidence in the radiological assaying and excising capabilities of the plants' equipment. Specific instruction for source check, belt timing and source board use shall be provided by the TMA/Eberline Quality Assurance Technician, and shall follow procedures specifically outlined in this SOP.

5.0 EQUIPMENT AND MATERIALS.

5.1 Button type 0.1 nCi Am-241 source

5.2 Stopwatch

5.3 Fifteen 0.1 Nci Am-241 source array (source board)
(normally plant standard equipment)

5.4 Collection of painted stones, 100% passing the 1/2" sieve

5.5 Collection of small plastic bags filled with fine sand

5.6 Safety glasses or goggles

5.7 Hardhat

5.8 Safety shoes

6.0 PROCEDURE.

6.1 SOURCE CHECK OF SORTER DETECTOR:

Each sorter requires a functional assaying check prior to soil processing operations each time the system is started up. The system central computer is placed in the Maintenance mode, and the sorter belts are turned on for testing.

Once the sorter belts are running, the technician places the 0.1 nCi source about one foot away from the detector on the upstream side, and allows the source to pass beneath the detector box. This source serves as a surrogate "hot particle" for the purposes of evaluating the detector performance. Once the source is through the detector, he/she quickly replaces the source with a small soil filled plastic bag. Care must be taken to place the bag in the exact location of the source, as that is where the detectors will map the activity on the belt, and subsequently activate the segmented gates to receive the "hot particle".

The technician will observe the bag as it travels down the belt to make certain that the bag does not shift position due to vibration or sand on the belt, and also to observe the gates extending to divert the activity seen by the detector. If the timing and assay is correct, the bag will be diverted onto the hot soil belt. The technician will observe the 'third gate', to make sure the bag is diverted to the hot particle drum.

This procedure will be repeated several times for each belt, and in varied locations on the belt to 'exercise' different detectors and gates.

Since these tests are performed at a time when no soil is on the belt, the technician may wish to place a lid over the hot particle drum to catch the sand filled bags. Another aid will be the judicious use of saliva when placing the sources in front of the detector. Many minutes have been wasted trying to retrieve a source which has slid down the belt and under the feed chute.

Occasionally, the bags will land on the edge of a gate, and will stay there. The technician must check for this condition each time bags are used in source checking.

Another type of source check must be performed during soil processing operations. Once every hour the technician will imbed the source into the surface of the soil bed on each sorter belt, flush with soil surface. The source is placed approximately one foot in front of the detectors, and the source is allowed to pass under the detector box. The source is then replaced with a small brightly colored stone in the exact same location as the source. This stone now represents a hot particle, and the technician will follow its progress in its diversion at the segmented gates and subsequent deposition in the hot particle drum.

Hourly source checks must be coordinated with the control room operator, as recordkeeping errors can result if the source checks are not logged as to what the recorded activity actually is. A 0.1 nCi source placed on the surface of the soil will be assayed by the detectors at about 65 KBq.

Any missed stone will be cause to notify the control room operator to immediately cease operations. The clean soil pile will be flagged as potentially contaminated, and will not be removed until further investigation by the Quality Assurance Technician. He/she will resolve the viability of the days' run of material, and prescribe evaluation measures for the correction of the defective system.

6.2 BELT TIMING PROCEDURE.

Once each hour of operation, and during start-up operations, the technician will time the sorter belts. An index mark is placed on the edge of the sorter conveyor belt, usually with a brightly colored paint. The technician will reference this mark with some portion of the conveyor structure, and begin timing at that point, and stop timing after one revolution of the belt. The time period for one revolution of the belt is recorded and that information is relayed to the control room operator. The normal operating speeds for the sorter belts is 30 ft/min., and the nominal timing is 00:01:15.50 mins. per revolution.

A one second deviation will apply to the timing of the sorter belts. If the belts are too fast or too slow, the situation will be cause to notify the control room operator to immediately cease operations. The clean soil pile will be flagged as potentially contaminated, and will not be removed until further investigation by the Quality Assurance Technician. He/she will resolve the viability of the days' run of material, and prescribe evaluation measures for the correction of the defective system.

6.3 SOURCE BOARD.

Prior to start-up, at the beginning of each days run of material, a source board check must be performed.

The source board array holds fifteen 0.1 nCi Am-241 button type sources, each source located in the array so that it will be beneath the center of a corresponding detector. The board is indexed with the detector box so that the technician can place it in the same lateral position each time, and is held by stops on the upstream edge for longitudinal control.

Placement of the source board must be coordinated with the control room operator to allow time to receive, count and log the data. An erroneous result indicates a detector crystal or component failure and the sorter system will not be used until repaired and tested.

Perform the source board check with the belt stopped and prior to running the startup source checks.

APPENDIX D
ESP CLEAN PILE SURVEY RESULTS

APPENDIX D

ESP Clean Pile Survey Results

DATE	TIME	RESULT	CT TIME	DATE	TIME	RESULT	CT TIME
8/20/92	1239	1.79E+02	0:00:30	8/21/92	906	1.31E+02	0:00:30
8/20/92	1240	8.63E+01	0:00:30	8/21/92	907	1.51E+02	0:00:30
8/20/92	1241	9.30E+01	0:00:30	8/21/92	1015	1.41E+02	0:00:30
8/20/92	1241	1.41E+02	0:00:30	8/21/92	1016	1.20E+02	0:00:30
8/20/92	1242	1.10E+02	0:00:30	8/21/92	1016	1.15E+02	0:00:30
8/20/92	1243	1.08E+02	0:00:30	8/21/92	1017	1.10E+02	0:00:30
8/20/92	1244	1.23E+02	0:00:30	8/21/92	1018	1.03E+02	0:00:30
8/20/92	1244	1.08E+02	0:00:30	8/21/92	1018	1.20E+02	0:00:30
8/20/92	1245	8.97E+01	0:00:30	8/21/92	1019	1.64E+02	0:00:30
8/20/92	1245	1.43E+02	0:00:30	8/21/92	1020	1.23E+02	0:00:30
8/20/92	1408	1.43E+02	0:00:30	8/21/92	1020	1.18E+02	0:00:30
8/20/92	1408	1.21E+02	0:00:30	8/21/92	1021	1.25E+02	0:00:30
8/20/92	1409	1.03E+02	0:00:30	8/21/92	1021	1.36E+02	0:00:30
8/20/92	1409	1.43E+02	0:00:30	8/21/92	1103	1.41E+02	0:00:30
8/20/92	1410	1.36E+02	0:00:30	8/21/92	1104	1.13E+02	0:00:30
8/20/92	1410	1.74E+02	0:00:30	8/21/92	1105	1.16E+02	0:00:30
8/20/92	1411	1.43E+02	0:00:30	8/21/92	1106	1.13E+02	0:00:30
8/20/92	1412	1.28E+02	0:00:30	8/21/92	1107	1.41E+02	0:00:30
8/20/92	1412	1.46E+02	0:00:30	8/21/92	1108	1.31E+02	0:00:30
8/20/92	1413	1.39E+02	0:00:30	8/21/92	1108	1.03E+02	0:00:30
8/20/92	1507	1.18E+02	0:00:30	8/21/92	1109	1.44E+02	0:00:30
8/20/92	1508	1.58E+02	0:00:30	8/21/92	1109	1.69E+02	0:00:30
8/20/92	1508	1.33E+02	0:00:30	8/21/92	1110	1.36E+02	0:00:30
8/20/92	1509	1.13E+02	0:00:30	8/21/92	1153	1.36E+02	0:00:30
8/20/92	1509	1.10E+02	0:00:30	8/21/92	1154	2.01E+02	0:00:30
8/20/92	1510	1.30E+02	0:00:30	8/21/92	1155	1.68E+02	0:00:30
8/20/92	1510	1.13E+02	0:00:30	8/21/92	1155	1.58E+02	0:00:30
8/20/92	1511	1.63E+02	0:00:30	8/21/92	1156	1.71E+02	0:00:30
8/20/92	1512	1.13E+02	0:00:30	8/21/92	1156	1.79E+02	0:00:30
8/20/92	1513	1.25E+02	0:00:30	8/21/92	1157	1.38E+02	0:00:30
8/21/92	820	1.84E+02	0:00:30	8/21/92	1157	1.30E+02	0:00:30
8/21/92	821	1.61E+02	0:00:30	8/21/92	1158	1.66E+02	0:00:30
8/21/92	823	4.98E+01	0:00:30	8/21/92	1159	2.03E+02	0:00:30
8/21/92	823	6.31E+01	0:00:30	8/21/92	1259	1.78E+02	0:00:30
8/21/92	824	8.14E+01	0:00:30	8/21/92	1300	1.94E+02	0:00:30
8/21/92	825	6.31E+01	0:00:30	8/21/92	1300	2.22E+02	0:00:30
8/21/92	825	6.48E+01	0:00:30	8/21/92	1301	2.03E+02	0:00:30
8/21/92	826	9.30E+01	0:00:30	8/21/92	1302	1.89E+02	0:00:30
8/21/92	827	8.30E+01	0:00:30	8/21/92	1302	1.73E+02	0:00:30
8/21/92	827	6.14E+01	0:00:30	8/21/92	1303	1.46E+02	0:00:30
8/21/92	902	1.33E+02	0:00:30	8/21/92	1303	1.73E+02	0:00:30
8/21/92	903	1.18E+02	0:00:30	8/21/92	1304	1.73E+02	0:00:30
8/21/92	903	1.58E+02	0:00:30	8/21/92	1446	4.98E+01	0:00:30
8/21/92	904	1.20E+02	0:00:30	8/21/92	1446	1.51E+02	0:00:30
8/21/92	905	1.30E+02	0:00:30	8/21/92	1447	2.24E+02	0:00:30
8/21/92	905	1.11E+02	0:00:30	8/21/92	1448	1.41E+02	0:00:30
8/21/92	906	1.20E+02	0:00:30	8/21/92	1455	2.03E+02	0:00:30

ESPSUM.XLS

8/21/92	1456	1.84E+02	0:00:30	9/25/92	1435	1.97E+02	0:00:30
8/21/92	1456	1.28E+02	0:00:30	9/25/92	1436	2.04E+02	0:00:30
8/21/92	1457	1.83E+02	0:00:30	9/25/92	1438	1.71E+02	0:00:30
8/21/92	1457	1.78E+02	0:00:30	9/25/92	1439	2.32E+02	0:00:30
8/21/92	1458	1.06E+02	0:00:30	9/25/92	1519	2.11E+02	0:00:30
8/21/92	1500	5.15E+01	0:00:30	9/25/92	1519	1.74E+02	0:00:30
8/22/92	1015	1.23E+02	0:00:30	9/25/92	1520	1.68E+02	0:00:30
8/22/92	1016	1.49E+02	0:00:30	9/25/92	1522	2.21E+02	0:00:30
8/22/92	1016	1.23E+02	0:00:30	9/25/92	1523	2.16E+02	0:00:30
8/22/92	1017	1.36E+02	0:00:30	9/26/92	900	1.95E+02	0:00:30
8/22/92	1017	1.28E+02	0:00:30	9/26/92	900	2.26E+02	0:00:30
8/22/92	1018	1.10E+02	0:00:30	9/26/92	901	2.24E+02	0:00:30
8/22/92	1019	1.11E+02	0:00:30	9/26/92	902	1.66E+02	0:00:30
8/22/92	1019	9.46E+01	0:00:30	9/26/92	903	1.72E+02	0:00:30
8/22/92	1020	1.13E+02	0:00:30	9/26/92	904	1.77E+02	0:00:30
8/22/92	1022	5.15E+01	0:00:30	9/26/92	904	1.89E+02	0:00:30
8/22/92	1103	1.64E+02	0:00:30	9/26/92	913	2.14E+02	0:00:30
8/22/92	1105	1.93E+02	0:00:30	9/26/92	914	2.07E+02	0:00:30
8/22/92	1106	1.81E+02	0:00:30	9/26/92	927	2.11E+02	0:00:30
8/22/92	1107	1.54E+02	0:00:30	9/26/92	927	1.77E+02	0:00:30
8/22/92	1108	1.89E+02	0:00:30	9/26/92	928	2.22E+02	0:00:30
8/22/92	1109	1.44E+02	0:00:30	9/26/92	1019	1.72E+02	0:00:30
8/22/92	1109	1.69E+02	0:00:30	9/26/92	1020	1.76E+02	0:00:30
8/22/92	1112	4.32E+01	0:00:30	9/26/92	1021	1.58E+02	0:00:30
8/22/92	1113	5.15E+01	0:00:30	9/26/92	1116	1.58E+02	0:00:30
8/22/92	1113	3.82E+01	0:00:30	9/26/92	1116	1.72E+02	0:00:30
9/24/92	1443	2.09E+02	0:00:30	9/26/92	1117	1.61E+02	0:00:30
9/24/92	1444	2.31E+02	0:00:30	9/26/92	1118	1.68E+02	0:00:30
9/24/92	1445	1.96E+02	0:00:30	9/26/92	1119	1.49E+02	0:00:30
9/24/92	1446	2.35E+02	0:00:30	9/26/92	1120	1.54E+02	0:00:30
9/24/92	1456	2.12E+02	0:00:30	9/26/92	1235	2.22E+02	0:00:30
9/24/92	1457	2.22E+02	0:00:30	9/26/92	1236	1.79E+02	0:00:30
9/25/92	1010	1.72E+02	0:00:30	9/26/92	1249	1.71E+02	0:00:30
9/25/92	1017	1.51E+02	0:00:30	9/26/92	1250	1.64E+02	0:00:30
9/25/92	1018	1.92E+02	0:00:30	9/26/92	1250	1.54E+02	0:00:30
9/25/92	1019	1.79E+02	0:00:30	9/26/92	1251	2.01E+02	0:00:30
9/25/92	1019	1.84E+02	0:00:30	9/26/92	1252	1.54E+02	0:00:30
9/25/92	1101	2.31E+02	0:00:30	9/26/92	1317	1.66E+02	0:00:30
9/25/92	1102	1.59E+02	0:00:30	9/28/92	807	1.53E+02	0:00:30
9/25/92	1103	1.74E+02	0:00:30	9/28/92	808	1.74E+02	0:00:30
9/25/92	1103	1.87E+02	0:00:30	9/28/92	809	1.54E+02	0:00:30
9/25/92	1315	2.15E+02	0:00:30	9/28/92	810	2.14E+02	0:00:30
9/25/92	1315	2.90E+02	0:00:30	9/28/92	811	1.56E+02	0:00:30
9/25/92	1316	2.17E+02	0:00:30	9/28/92	836	1.79E+02	0:00:30
9/25/92	1316	2.38E+02	0:00:30	9/28/92	836	1.76E+02	0:00:30
9/25/92	1324	1.99E+02	0:00:30	9/28/92	837	1.97E+02	0:00:30
9/25/92	1324	1.49E+02	0:00:30	9/28/92	838	1.79E+02	0:00:30
9/25/92	1325	1.66E+02	0:00:30	9/28/92	839	1.87E+02	0:00:30
9/25/92	1326	2.11E+02	0:00:30	9/28/92	840	2.02E+02	0:00:30

ESPSUM.XLS

9/28/92	924	1.76E+02	0:00:30	10/1/92	1055	1.69E+02	0:00:30
9/28/92	925	1.81E+02	0:00:30	10/1/92	1055	1.71E+02	0:00:30
9/28/92	926	1.66E+02	0:00:30	10/1/92	1056	1.63E+02	0:00:30
9/28/92	927	2.11E+02	0:00:30	10/1/92	1056	1.62E+02	0:00:30
9/28/92	928	1.99E+02	0:00:30	10/1/92	1056	1.34E+02	0:00:30
9/28/92	928	1.44E+02	0:00:30	10/1/92	1056	1.69E+02	0:00:30
9/28/92	929	2.21E+02	0:00:30	10/1/92	1056	2.14E+02	0:00:30
9/28/92	930	1.64E+02	0:00:30	10/1/92	1056	2.04E+02	0:00:30
9/28/92	939	1.31E+02	0:00:30	10/1/92	1057	1.71E+02	0:00:30
9/28/92	940	1.71E+02	0:00:30	10/1/92	1057	1.73E+02	0:00:30
9/28/92	942	1.64E+02	0:00:30	10/1/92	1057	1.53E+02	0:00:30
9/28/92	944	1.74E+02	0:00:30	10/1/92	1057	1.15E+02	0:00:30
9/28/92	945	1.74E+02	0:00:30	10/2/92	922	1.56E+02	0:00:30
9/28/92	946	1.68E+02	0:00:30	10/2/92	923	1.20E+02	0:00:30
9/28/92	947	1.76E+02	0:00:30	10/2/92	924	1.16E+02	0:00:30
9/28/92	1046	1.99E+02	0:00:30	10/2/92	925	1.34E+02	0:00:30
9/28/92	1047	1.72E+02	0:00:30	10/2/92	925	1.26E+02	0:00:30
9/28/92	1049	2.75E+02	0:00:30	10/2/92	926	1.44E+02	0:00:30
9/28/92	1049	2.09E+02	0:00:30	10/2/92	927	1.03E+02	0:00:30
9/28/92	1050	2.16E+02	0:00:30	10/2/92	928	1.25E+02	0:00:30
9/28/92	1051	2.26E+02	0:00:30	10/2/92	928	1.48E+02	0:00:30
9/28/92	1052	1.94E+02	0:00:30	10/2/92	1016	1.68E+02	0:00:30
9/28/92	1053	1.34E+02	0:00:30	10/2/92	1017	1.44E+02	0:00:30
9/28/92	1054	1.46E+02	0:00:30	10/2/92	1017	1.96E+02	0:00:30
9/28/92	1055	1.56E+02	0:00:30	10/2/92	1018	1.63E+02	0:00:30
9/28/92	1253	1.72E+02	0:00:30	10/2/92	1018	1.64E+02	0:00:30
9/28/92	1254	1.97E+02	0:00:30	10/2/92	1019	1.82E+02	0:00:30
9/28/92	1255	2.21E+02	0:00:30	10/2/92	1021	1.89E+02	0:00:30
9/28/92	1256	2.34E+02	0:00:30	10/2/92	1022	1.81E+02	0:00:30
9/28/92	1257	1.81E+02	0:00:30	10/2/92	1022	1.91E+02	0:00:30
9/28/92	1258	1.76E+02	0:00:30	10/2/92	1023	2.12E+02	0:00:30
9/28/92	1259	1.84E+02	0:00:30	10/2/92	1024	2.11E+02	0:00:30
9/28/92	1300	1.86E+02	0:00:30	10/2/92	1024	1.74E+02	0:00:30
9/28/92	1426	2.37E+02	0:00:30	10/2/92	1103	1.61E+02	0:00:30
9/28/92	1427	1.87E+02	0:00:30	10/2/92	1104	1.81E+02	0:00:30
9/28/92	1428	2.45E+02	0:00:30	10/2/92	1104	1.59E+02	0:00:30
9/28/92	1429	1.92E+02	0:00:30	10/2/92	1105	1.94E+02	0:00:30
9/28/92	1430	1.58E+02	0:00:30	10/2/92	1106	1.91E+02	0:00:30
9/28/92	1431	1.94E+02	0:00:30	10/2/92	1106	1.86E+02	0:00:30
9/28/92	1432	1.69E+02	0:00:30	10/2/92	1107	1.69E+02	0:00:30
9/28/92	1433	1.86E+02	0:00:30	10/2/92	1107	1.63E+02	0:00:30
9/28/92	1434	2.09E+02	0:00:30	10/2/92	1108	1.81E+02	0:00:30
9/28/92	1435	1.81E+02	0:00:30	10/2/92	1245	2.11E+02	0:00:30
9/28/92	1436	1.91E+02	0:00:30	10/2/92	1246	1.92E+02	0:00:30
10/1/92	1054	1.70E+02	0:00:30	10/2/92	1247	2.16E+02	0:00:30
10/1/92	1054	9.92E+01	0:00:30	10/2/92	1247	1.97E+02	0:00:30
10/1/92	1055	1.35E+02	0:00:30	10/2/92	1248	2.09E+02	0:00:30
10/1/92	1055	1.04E+02	0:00:30	10/2/92	1248	1.91E+02	0:00:30
10/1/92	1055	1.43E+02	0:00:30	10/2/92	1249	1.91E+02	0:00:30

ESPSUM.XLS

10/2/92	1250	2.22E+02	0:00:30	10/3/92	1322	1.29E+02	0:00:30
10/2/92	1250	2.06E+02	0:00:30	10/3/92	1322	2.01E+02	0:00:30
10/2/92	1251	1.97E+02	0:00:30	10/3/92	1323	1.76E+02	0:00:30
10/2/92	1251	1.69E+02	0:00:30	10/3/92	1324	1.76E+02	0:00:30
10/2/92	1330	1.48E+02	0:00:30	10/3/92	1325	2.22E+02	0:00:30
10/2/92	1331	1.72E+02	0:00:30	10/3/92	1528	1.58E+02	0:00:30
10/2/92	1331	1.91E+02	0:00:30	10/3/92	1528	2.21E+02	0:00:30
10/2/92	1332	2.14E+02	0:00:30	10/3/92	1529	1.69E+02	0:00:30
10/2/92	1332	2.06E+02	0:00:30	10/3/92	1529	1.89E+02	0:00:30
10/2/92	1333	2.14E+02	0:00:30	10/3/92	1530	1.94E+02	0:00:30
10/2/92	1334	1.69E+02	0:00:30	10/3/92	1531	1.81E+02	0:00:30
10/2/92	1334	2.01E+02	0:00:30	10/3/92	1531	1.87E+02	0:00:30
10/2/92	1335	1.64E+02	0:00:30	10/3/92	1532	1.69E+02	0:00:30
10/2/92	1336	2.19E+02	0:00:30	10/3/92	1533	1.87E+02	0:00:30
10/2/92	1424	1.54E+02	0:00:30	10/3/92	1533	2.87E+02	0:00:30
10/2/92	1424	2.11E+02	0:00:30	10/3/92	1534	2.11E+02	0:00:30
10/2/92	1425	1.66E+02	0:00:30	10/3/92	1534	2.09E+02	0:00:30
10/2/92	1426	1.91E+02	0:00:30	10/3/92	1535	1.91E+02	0:00:30
10/2/92	1426	2.31E+02	0:00:30	10/3/92	1536	2.17E+02	0:00:30
10/2/92	1427	1.63E+02	0:00:30	10/3/92	1537	1.63E+02	0:00:30
10/2/92	1428	1.63E+02	0:00:30	10/3/92	1537	1.92E+02	0:00:30
10/2/92	1428	2.14E+02	0:00:30	10/3/92	1538	2.01E+02	0:00:30
10/2/92	1429	2.11E+02	0:00:30	10/3/92	1539	2.54E+02	0:00:30
10/2/92	1430	2.07E+02	0:00:30	10/3/92	1540	1.82E+02	0:00:30
10/2/92	1527	1.81E+02	0:00:30	10/5/92	1020	1.58E+02	0:00:30
10/2/92	1528	2.29E+02	0:00:30	10/5/92	1021	1.74E+02	0:00:30
10/2/92	1528	1.72E+02	0:00:30	10/5/92	1022	2.06E+02	0:00:30
10/2/92	1529	1.89E+02	0:00:30	10/5/92	1022	1.77E+02	0:00:30
10/3/92	732	1.56E+02	0:00:30	10/5/92	1023	1.86E+02	0:00:30
10/3/92	732	2.06E+02	0:00:30	10/5/92	1024	1.61E+02	0:00:30
10/3/92	733	1.84E+02	0:00:30	10/5/92	1025	2.19E+02	0:00:30
10/3/92	734	1.66E+02	0:00:30	10/5/92	1025	1.92E+02	0:00:30
10/3/92	734	1.96E+02	0:00:30	10/5/92	1117	1.92E+02	0:00:30
10/3/92	735	2.02E+02	0:00:30	10/5/92	1118	1.81E+02	0:00:30
10/3/92	735	1.68E+02	0:00:30	10/5/92	1119	1.94E+02	0:00:30
10/3/92	736	1.43E+02	0:00:30	10/5/92	1119	1.77E+02	0:00:30
10/3/92	737	1.59E+02	0:00:30	10/5/92	1120	1.64E+02	0:00:30
10/3/92	738	2.04E+02	0:00:30	10/5/92	1120	1.56E+02	0:00:30
10/3/92	743	1.39E+02	0:00:30	10/5/92	1121	2.14E+02	0:00:30
10/3/92	1316	2.01E+02	0:00:30	10/5/92	1403	2.42E+02	0:00:30
10/3/92	1316	2.17E+02	0:00:30	10/5/92	1403	2.06E+02	0:00:30
10/3/92	1317	1.71E+02	0:00:30	10/5/92	1404	1.58E+02	0:00:30
10/3/92	1318	2.12E+02	0:00:30	10/5/92	1405	1.81E+02	0:00:30
10/3/92	1318	1.77E+02	0:00:30	10/5/92	1405	1.72E+02	0:00:30
10/3/92	1319	2.12E+02	0:00:30	10/5/92	1406	1.87E+02	0:00:30
10/3/92	1319	2.50E+02	0:00:30	10/5/92	1406	2.19E+02	0:00:30
10/3/92	1320	2.22E+02	0:00:30	10/5/92	1407	1.68E+02	0:00:30
10/3/92	1321	2.02E+02	0:00:30	10/5/92	1408	1.56E+02	0:00:30
10/3/92	1321	2.01E+02	0:00:30	10/5/92	1409	2.11E+02	0:00:30

ESPSUM.XLS

10/5/92	1410	1.76E+02	0:00:30	10/6/92	1415	1.71E+02	0:00:30
10/5/92	1411	1.81E+02	0:00:30	10/6/92	1416	1.79E+02	0:00:30
10/5/92	1412	2.89E+02	0:00:30	10/6/92	1416	1.54E+02	0:00:30
10/5/92	1413	1.96E+02	0:00:30	10/6/92	1417	1.64E+02	0:00:30
10/5/92	1413	1.64E+02	0:00:30	10/6/92	1417	1.56E+02	0:00:30
10/5/92	1414	1.77E+02	0:00:30	10/6/92	1418	1.69E+02	0:00:30
10/5/92	1415	1.81E+02	0:00:30	10/6/92	1548	1.87E+02	0:00:30
10/5/92	1415	1.97E+02	0:00:30	10/6/92	1548	1.63E+02	0:00:30
10/5/92	1555	1.74E+02	0:00:30	10/6/92	1549	1.66E+02	0:00:30
10/5/92	1556	1.69E+02	0:00:30	10/6/92	1549	1.61E+02	0:00:30
10/5/92	1557	1.59E+02	0:00:30	10/6/92	1550	1.71E+02	0:00:30
10/5/92	1557	2.42E+02	0:00:30	10/6/92	1550	1.46E+02	0:00:30
10/5/92	1558	2.04E+02	0:00:30	10/6/92	1551	1.61E+02	0:00:30
10/5/92	1558	1.82E+02	0:00:30	10/6/92	1551	1.54E+02	0:00:30
10/5/92	1559	2.02E+02	0:00:30	10/6/92	1552	1.66E+02	0:00:30
10/5/92	1600	2.01E+02	0:00:30	10/6/92	1552	1.77E+02	0:00:30
10/5/92	1600	1.92E+02	0:00:30	10/6/92	1553	2.29E+02	0:00:30
10/5/92	1601	1.92E+02	0:00:30	10/6/92	1553	1.82E+02	0:00:30
10/5/92	1602	1.96E+02	0:00:30	10/6/92	1554	1.91E+02	0:00:30
10/5/92	1602	2.02E+02	0:00:30	10/6/92	1555	1.63E+02	0:00:30
10/5/92	1603	2.07E+02	0:00:30	10/6/92	1555	1.89E+02	0:00:30
10/5/92	1604	2.12E+02	0:00:30	10/6/92	1556	1.53E+02	0:00:30
10/5/92	1604	1.74E+02	0:00:30	10/6/92	1556	1.56E+02	0:00:30
10/5/92	1605	1.39E+02	0:00:30	10/6/92	1557	1.99E+02	0:00:30
10/5/92	1606	1.94E+02	0:00:30	10/6/92	1557	1.76E+02	0:00:30
10/5/92	1606	1.79E+02	0:00:30	10/6/92	1558	1.97E+02	0:00:30
10/6/92	1247	1.69E+02	0:00:30	10/6/92	1558	2.06E+02	0:00:30
10/6/92	1248	2.02E+02	0:00:30	10/6/92	1559	1.63E+02	0:00:30
10/6/92	1249	1.97E+02	0:00:30	10/6/92	1559	1.92E+02	0:00:30
10/6/92	1249	2.01E+02	0:00:30	10/6/92	1600	1.44E+02	0:00:30
10/6/92	1250	1.86E+02	0:00:30	10/6/92	1600	1.72E+02	0:00:30
10/6/92	1250	1.56E+02	0:00:30	10/6/92	1601	2.02E+02	0:00:30
10/6/92	1251	2.02E+02	0:00:30	10/6/92	1654	1.81E+02	0:00:30
10/6/92	1252	1.63E+02	0:00:30	10/6/92	1654	1.58E+02	0:00:30
10/6/92	1252	1.92E+02	0:00:30	10/6/92	1655	1.59E+02	0:00:30
10/6/92	1254	1.79E+02	0:00:30	10/6/92	1656	1.29E+02	0:00:30
10/6/92	1254	1.63E+02	0:00:30	10/6/92	1656	2.11E+02	0:00:30
10/6/92	1255	1.92E+02	0:00:30	10/6/92	1657	1.87E+02	0:00:30
10/6/92	1255	1.87E+02	0:00:30	10/6/92	1657	2.27E+02	0:00:30
10/6/92	1410	1.63E+02	0:00:30	10/6/92	1658	1.97E+02	0:00:30
10/6/92	1410	1.79E+02	0:00:30	10/6/92	1658	1.74E+02	0:00:30
10/6/92	1411	1.89E+02	0:00:30	10/6/92	1659	1.58E+02	0:00:30
10/6/92	1412	1.54E+02	0:00:30	10/6/92	1659	1.71E+02	0:00:30
10/6/92	1412	1.84E+02	0:00:30	10/6/92	1700	1.79E+02	0:00:30
10/6/92	1413	1.74E+02	0:00:30	10/6/92	1700	1.92E+02	0:00:30
10/6/92	1413	2.47E+02	0:00:30	10/6/92	1701	1.64E+02	0:00:30
10/6/92	1414	1.64E+02	0:00:30	10/6/92	1701	1.64E+02	0:00:30
10/6/92	1414	1.91E+02	0:00:30	10/6/92	1702	1.66E+02	0:00:30
10/6/92	1415	1.97E+02	0:00:30	10/7/92	723	1.57E+02	0:00:30

ESPSUM.XLS

10/7/92	723	1.31E+02	0:00:30	10/19/92	1023	1.66E+02	0:00:30
10/7/92	724	2.40E+02	0:00:30	10/19/92	1023	1.87E+02	0:00:30
10/7/92	724	2.03E+02	0:00:30	10/19/92	1052	1.71E+02	0:00:30
10/7/92	725	1.74E+02	0:00:30	10/19/92	1053	1.38E+02	0:00:30
10/7/92	800	1.48E+02	0:00:30	10/19/92	1054	1.38E+02	0:00:30
10/7/92	800	1.48E+02	0:00:30	10/19/92	1054	1.44E+02	0:00:30
10/7/92	801	1.63E+02	0:00:30	10/19/92	1055	1.41E+02	0:00:30
10/7/92	801	1.97E+02	0:00:30	10/19/92	1055	1.71E+02	0:00:30
10/7/92	802	1.68E+02	0:00:30	10/19/92	1056	1.53E+02	0:00:30
10/7/92	802	1.87E+02	0:00:30	10/19/92	1056	1.58E+02	0:00:30
10/7/92	803	1.76E+02	0:00:30	10/19/92	1057	2.01E+02	0:00:30
10/7/92	803	1.89E+02	0:00:30	10/19/92	1057	1.82E+02	0:00:30
10/7/92	804	2.42E+02	0:00:30	10/19/92	1058	2.06E+02	0:00:30
10/7/92	835	2.01E+02	0:00:30	10/19/92	1058	2.34E+02	0:00:30
10/7/92	835	1.77E+02	0:00:30	10/19/92	1059	1.53E+02	0:00:30
10/7/92	836	1.82E+02	0:00:30	10/19/92	1357	1.92E+02	0:00:30
10/7/92	837	1.71E+02	0:00:30	10/19/92	1358	1.59E+02	0:00:30
10/7/92	837	1.51E+02	0:00:30	10/19/92	1358	1.49E+02	0:00:30
10/7/92	838	1.38E+02	0:00:30	10/19/92	1359	2.12E+02	0:00:30
10/7/92	838	1.56E+02	0:00:30	10/19/92	1359	2.12E+02	0:00:30
10/7/92	839	2.11E+02	0:00:30	10/19/92	1400	1.48E+02	0:00:30
10/9/92	925	1.61E+02	0:00:30	10/19/92	1400	1.99E+02	0:00:30
10/9/92	925	2.11E+02	0:00:30	10/19/92	1401	1.89E+02	0:00:30
10/9/92	926	1.74E+02	0:00:30	10/19/92	1401	1.64E+02	0:00:30
10/9/92	926	1.79E+02	0:00:30	10/19/92	1402	1.61E+02	0:00:30
10/9/92	927	1.61E+02	0:00:30	10/20/92	1148	2.21E+02	0:00:30
10/9/92	927	1.64E+02	0:00:30	10/20/92	1148	1.66E+02	0:00:30
10/9/92	928	1.76E+02	0:00:30	10/20/92	1149	1.86E+02	0:00:30
10/9/92	928	1.84E+02	0:00:30	10/20/92	1149	1.82E+02	0:00:30
10/9/92	929	1.39E+02	0:00:30	10/20/92	1150	1.84E+02	0:00:30
10/9/92	929	1.79E+02	0:00:30	10/20/92	1150	1.84E+02	0:00:30
10/9/92	931	1.58E+02	0:00:30	10/20/92	1151	1.82E+02	0:00:30
10/9/92	931	2.14E+02	0:00:30	10/20/92	1151	1.87E+02	0:00:30
10/9/92	932	1.67E+02	0:00:30	10/20/92	1152	1.89E+02	0:00:30
10/9/92	1021	1.93E+02	0:00:30	10/20/92	1152	1.61E+02	0:00:30
10/19/92	1015	2.37E+02	0:00:30	10/20/92	1153	1.69E+02	0:00:30
10/19/92	1016	1.53E+02	0:00:30	10/20/92	1153	1.56E+02	0:00:30
10/19/92	1016	1.51E+02	0:00:30	10/20/92	1154	1.76E+02	0:00:30
10/19/92	1017	1.68E+02	0:00:30	10/20/92	1342	1.76E+02	0:00:30
10/19/92	1017	1.84E+02	0:00:30	10/20/92	1342	2.11E+02	0:00:30
10/19/92	1018	1.69E+02	0:00:30	10/20/92	1343	1.92E+02	0:00:30
10/19/92	1018	1.48E+02	0:00:30	10/20/92	1343	1.54E+02	0:00:30
10/19/92	1019	1.68E+02	0:00:30	10/20/92	1344	1.71E+02	0:00:30
10/19/92	1019	1.44E+02	0:00:30	10/20/92	1344	1.89E+02	0:00:30
10/19/92	1020	1.58E+02	0:00:30	10/20/92	1345	1.39E+02	0:00:30
10/19/92	1020	1.64E+02	0:00:30	10/20/92	1345	1.76E+02	0:00:30
10/19/92	1021	1.59E+02	0:00:30	10/20/92	1346	2.01E+02	0:00:30
10/19/92	1021	1.64E+02	0:00:30	10/20/92	1346	1.77E+02	0:00:30
10/19/92	1022	1.76E+02	0:00:30	10/20/92	1347	2.14E+02	0:00:30

ESPSUM.XLS

10/20/92	1414	1.71E+02	0:00:30	10/20/92	1747	1.51E+02	0:00:30
10/20/92	1415	1.59E+02	0:00:30	10/20/92	1747	2.14E+02	0:00:30
10/20/92	1415	1.56E+02	0:00:30	10/20/92	1748	1.68E+02	0:00:30
10/20/92	1416	1.71E+02	0:00:30	10/20/92	1748	2.07E+02	0:00:30
10/20/92	1416	1.92E+02	0:00:30	10/20/92	1749	2.21E+02	0:00:30
10/20/92	1417	1.84E+02	0:00:30	10/20/92	1749	1.94E+02	0:00:30
10/20/92	1417	1.94E+02	0:00:30	10/20/92	1750	2.11E+02	0:00:30
10/20/92	1418	1.61E+02	0:00:30	10/20/92	1750	2.22E+02	0:00:30
10/20/92	1418	2.26E+02	0:00:30	10/20/92	1751	1.82E+02	0:00:30
10/20/92	1419	2.26E+02	0:00:30	10/20/92	1751	2.29E+02	0:00:30
10/20/92	1419	1.84E+02	0:00:30	10/20/92	1752	1.76E+02	0:00:30
10/20/92	1420	2.16E+02	0:00:30	10/20/92	1752	1.77E+02	0:00:30
10/20/92	1448	1.41E+02	0:00:30	10/21/92	940	1.51E+02	0:00:30
10/20/92	1448	1.71E+02	0:00:30	10/21/92	941	1.86E+02	0:00:30
10/20/92	1449	1.68E+02	0:00:30	10/21/92	941	1.77E+02	0:00:30
10/20/92	1450	1.59E+02	0:00:30	10/21/92	942	1.84E+02	0:00:30
10/20/92	1450	1.49E+02	0:00:30	10/21/92	942	1.54E+02	0:00:30
10/20/92	1451	1.76E+02	0:00:30	10/21/92	943	1.77E+02	0:00:30
10/20/92	1451	1.66E+02	0:00:30	10/21/92	944	1.77E+02	0:00:30
10/20/92	1452	1.74E+02	0:00:30	10/21/92	944	1.76E+02	0:00:30
10/20/92	1452	2.07E+02	0:00:30	10/21/92	945	1.76E+02	0:00:30
10/20/92	1453	1.92E+02	0:00:30	10/21/92	1020	1.74E+02	0:00:30
10/20/92	1453	1.79E+02	0:00:30	10/21/92	1020	1.81E+02	0:00:30
10/20/92	1454	1.99E+02	0:00:30	10/21/92	1021	1.66E+02	0:00:30
10/20/92	1454	2.11E+02	0:00:30	10/21/92	1021	1.43E+02	0:00:30
10/20/92	1617	1.41E+02	0:00:30	10/21/92	1022	1.76E+02	0:00:30
10/20/92	1618	1.81E+02	0:00:30	10/21/92	1022	1.59E+02	0:00:30
10/20/92	1619	2.17E+02	0:00:30	10/21/92	1023	1.89E+02	0:00:30
10/20/92	1619	1.68E+02	0:00:30	10/21/92	1024	1.58E+02	0:00:30
10/20/92	1620	2.06E+02	0:00:30	10/21/92	1024	1.79E+02	0:00:30
10/20/92	1620	2.12E+02	0:00:30	10/21/92	1025	1.72E+02	0:00:30
10/20/92	1621	2.12E+02	0:00:30	10/21/92	1025	1.54E+02	0:00:30
10/20/92	1621	1.94E+02	0:00:30	10/21/92	1026	2.12E+02	0:00:30
10/20/92	1622	1.86E+02	0:00:30	10/21/92	1026	1.59E+02	0:00:30
10/20/92	1622	2.21E+02	0:00:30	10/21/92	1027	1.94E+02	0:00:30
10/20/92	1623	2.24E+02	0:00:30	10/21/92	1027	2.32E+02	0:00:30
10/20/92	1623	1.66E+02	0:00:30	10/21/92	1052	1.46E+02	0:00:30
10/20/92	1624	1.66E+02	0:00:30	10/21/92	1052	1.63E+02	0:00:30
10/20/92	1624	1.53E+02	0:00:30	10/21/92	1053	1.97E+02	0:00:30
10/20/92	1625	1.87E+02	0:00:30	10/21/92	1053	1.81E+02	0:00:30
10/20/92	1625	2.12E+02	0:00:30	10/21/92	1054	1.51E+02	0:00:30
10/20/92	1626	1.82E+02	0:00:30	10/21/92	1054	1.58E+02	0:00:30
10/20/92	1626	2.19E+02	0:00:30	10/21/92	1055	1.72E+02	0:00:30
10/20/92	1743	1.77E+02	0:00:30	10/21/92	1055	1.53E+02	0:00:30
10/20/92	1744	1.38E+02	0:00:30	10/21/92	1056	1.53E+02	0:00:30
10/20/92	1745	1.58E+02	0:00:30	10/21/92	1057	2.02E+02	0:00:30
10/20/92	1745	2.06E+02	0:00:30	10/21/92	1057	1.59E+02	0:00:30
10/20/92	1746	1.64E+02	0:00:30	10/21/92	1058	1.96E+02	0:00:30
10/20/92	1746	1.53E+02	0:00:30	10/21/92	1058	1.51E+02	0:00:30

ESPSUM.XLS

10/21/92	1059	1.64E+02	0:00:30	10/23/92	1424	1.89E+02	0:00:30
10/21/92	1059	1.59E+02	0:00:30	10/23/92	1500	1.66E+02	0:00:30
10/21/92	1100	1.77E+02	0:00:30	10/23/92	1500	1.81E+02	0:00:30
10/21/92	1139	1.71E+02	0:00:30	10/23/92	1501	1.97E+02	0:00:30
10/21/92	1139	1.49E+02	0:00:30	10/23/92	1501	1.76E+02	0:00:30
10/21/92	1140	1.66E+02	0:00:30	10/23/92	1502	2.12E+02	0:00:30
10/21/92	1140	1.58E+02	0:00:30	10/23/92	1502	2.12E+02	0:00:30
10/21/92	1141	1.39E+02	0:00:30	10/23/92	1503	2.26E+02	0:00:30
10/21/92	1142	1.51E+02	0:00:30	10/23/92	1504	2.40E+02	0:00:30
10/21/92	1142	1.71E+02	0:00:30	10/23/92	1504	2.26E+02	0:00:30
10/21/92	1143	1.44E+02	0:00:30	10/23/92	1505	2.14E+02	0:00:30
10/21/92	1143	1.46E+02	0:00:30	10/23/92	1505	2.24E+02	0:00:30
10/21/92	1144	1.29E+02	0:00:30	10/23/92	1506	2.16E+02	0:00:30
10/21/92	1144	1.72E+02	0:00:30	10/23/92	1506	2.14E+02	0:00:30
10/21/92	1145	2.11E+02	0:00:30	10/23/92	1507	2.26E+02	0:00:30
10/21/92	1145	1.96E+02	0:00:30	10/23/92	1520	1.82E+02	0:00:30
10/21/92	1146	1.54E+02	0:00:30	10/23/92	1521	1.74E+02	0:00:30
10/21/92	1146	2.14E+02	0:00:30	10/23/92	1521	1.33E+02	0:00:30
10/21/92	1654	2.12E+02	0:00:30	10/23/92	1522	1.49E+02	0:00:30
10/21/92	1655	1.61E+02	0:00:30	10/23/92	1522	1.72E+02	0:00:30
10/21/92	1655	1.38E+02	0:00:30	10/23/92	1523	2.11E+02	0:00:30
10/21/92	1656	1.61E+02	0:00:30	10/23/92	1524	1.82E+02	0:00:30
10/21/92	1657	2.12E+02	0:00:30	10/23/92	1524	2.27E+02	0:00:30
10/21/92	1657	1.59E+02	0:00:30	10/23/92	1525	2.11E+02	0:00:30
10/21/92	1658	1.64E+02	0:00:30	10/23/92	1525	1.79E+02	0:00:30
10/21/92	1658	1.94E+02	0:00:30	10/23/92	1600	1.53E+02	0:00:30
10/21/92	1659	1.53E+02	0:00:30	10/23/92	1600	1.46E+02	0:00:30
10/21/92	1659	1.68E+02	0:00:30	10/23/92	1601	1.63E+02	0:00:30
10/21/92	1700	1.49E+02	0:00:30	10/23/92	1601	1.77E+02	0:00:30
10/21/92	1700	1.77E+02	0:00:30	10/23/92	1602	1.43E+02	0:00:30
10/21/92	1701	1.74E+02	0:00:30	10/23/92	1602	1.77E+02	0:00:30
10/21/92	1701	1.79E+02	0:00:30	10/23/92	1603	1.84E+02	0:00:30
10/21/92	1702	1.74E+02	0:00:30	10/23/92	1603	2.39E+02	0:00:30
10/23/92	1354	1.94E+02	0:00:30	10/23/92	1604	2.02E+02	0:00:30
10/23/92	1355	2.01E+02	0:00:30	10/23/92	1604	2.07E+02	0:00:30
10/23/92	1355	1.97E+02	0:00:30	10/23/92	1605	1.97E+02	0:00:30
10/23/92	1356	2.40E+02	0:00:30	10/23/92	1605	2.19E+02	0:00:30
10/23/92	1357	1.94E+02	0:00:30	10/23/92	1657	2.22E+02	0:00:30
10/23/92	1357	1.74E+02	0:00:30	10/23/92	1658	2.06E+02	0:00:30
10/23/92	1419	1.86E+02	0:00:30	10/23/92	1658	2.42E+02	0:00:30
10/23/92	1419	2.06E+02	0:00:30	10/23/92	1659	1.71E+02	0:00:30
10/23/92	1420	1.72E+02	0:00:30	10/23/92	1659	1.91E+02	0:00:30
10/23/92	1420	2.06E+02	0:00:30	10/23/92	1700	1.71E+02	0:00:30
10/23/92	1421	1.69E+02	0:00:30	10/23/92	1700	1.77E+02	0:00:30
10/23/92	1421	1.79E+02	0:00:30	10/23/92	1701	1.81E+02	0:00:30
10/23/92	1422	1.87E+02	0:00:30	10/23/92	1701	1.86E+02	0:00:30
10/23/92	1422	1.96E+02	0:00:30	10/23/92	1702	1.69E+02	0:00:30
10/23/92	1423	1.91E+02	0:00:30	10/23/92	1703	1.91E+02	0:00:30
10/23/92	1424	1.96E+02	0:00:30	10/23/92	1751	1.94E+02	0:00:30

ESPSUM.XLS

10/23/92	1752	1.79E+02	0:00:30	10/24/92	1406	2.26E+02	0:00:30
10/23/92	1752	1.71E+02	0:00:30	10/24/92	1406	1.72E+02	0:00:30
10/23/92	1753	2.22E+02	0:00:30	10/24/92	1407	2.07E+02	0:00:30
10/23/92	1753	1.89E+02	0:00:30	10/24/92	1407	1.92E+02	0:00:30
10/23/92	1754	1.71E+02	0:00:30	10/24/92	1408	2.21E+02	0:00:30
10/23/92	1754	2.17E+02	0:00:30	10/24/92	1408	2.11E+02	0:00:30
10/23/92	1755	1.69E+02	0:00:30	10/24/92	1409	1.89E+02	0:00:30
10/23/92	1755	1.79E+02	0:00:30	10/24/92	1514	1.76E+02	0:00:30
10/23/92	1756	1.89E+02	0:00:30	10/24/92	1514	1.84E+02	0:00:30
10/23/92	1756	2.06E+02	0:00:30	10/24/92	1515	1.76E+02	0:00:30
10/23/92	1757	2.26E+02	0:00:30	10/24/92	1515	1.76E+02	0:00:30
10/23/92	1757	1.92E+02	0:00:30	10/24/92	1516	1.81E+02	0:00:30
10/24/92	842	1.64E+02	0:00:30	10/24/92	1517	1.64E+02	0:00:30
10/24/92	842	1.87E+02	0:00:30	10/24/92	1517	2.16E+02	0:00:30
10/24/92	843	1.81E+02	0:00:30	10/24/92	1518	1.89E+02	0:00:30
10/24/92	843	1.87E+02	0:00:30	10/24/92	1518	1.81E+02	0:00:30
10/24/92	844	1.84E+02	0:00:30	10/24/92	1519	2.12E+02	0:00:30
10/24/92	844	1.87E+02	0:00:30	10/24/92	1519	1.91E+02	0:00:30
10/24/92	845	1.84E+02	0:00:30	10/24/92	1520	1.89E+02	0:00:30
10/24/92	845	1.94E+02	0:00:30	10/24/92	1520	1.61E+02	0:00:30
10/24/92	846	1.86E+02	0:00:30	10/24/92	1521	1.81E+02	0:00:30
10/24/92	944	1.97E+02	0:00:30	10/24/92	1521	1.94E+02	0:00:30
10/24/92	944	1.64E+02	0:00:30	10/24/92	1522	1.61E+02	0:00:30
10/24/92	945	2.11E+02	0:00:30	10/24/92	1522	2.14E+02	0:00:30
10/24/92	945	1.68E+02	0:00:30	10/24/92	1523	1.86E+02	0:00:30
10/24/92	946	1.84E+02	0:00:30	10/24/92	1606	1.49E+02	0:00:30
10/24/92	947	1.96E+02	0:00:30	10/24/92	1606	1.34E+02	0:00:30
10/24/92	947	1.84E+02	0:00:30	10/24/92	1607	1.86E+02	0:00:30
10/24/92	948	1.82E+02	0:00:30	10/24/92	1607	1.81E+02	0:00:30
10/24/92	948	1.87E+02	0:00:30	10/24/92	1608	1.96E+02	0:00:30
10/24/92	949	2.22E+02	0:00:30	10/24/92	1608	1.51E+02	0:00:30
10/24/92	1250	1.68E+02	0:00:30	10/24/92	1609	2.07E+02	0:00:30
10/24/92	1250	1.44E+02	0:00:30	10/24/92	1609	2.01E+02	0:00:30
10/24/92	1251	1.68E+02	0:00:30	10/24/92	1628	1.87E+02	0:00:30
10/24/92	1252	1.94E+02	0:00:30	10/24/92	1629	1.87E+02	0:00:30
10/24/92	1252	1.54E+02	0:00:30	10/24/92	1630	1.86E+02	0:00:30
10/24/92	1253	1.84E+02	0:00:30	10/24/92	1630	2.04E+02	0:00:30
10/24/92	1253	1.97E+02	0:00:30	10/24/92	1631	1.86E+02	0:00:30
10/24/92	1254	1.74E+02	0:00:30	10/24/92	1631	2.31E+02	0:00:30
10/24/92	1254	1.74E+02	0:00:30	10/24/92	1632	1.97E+02	0:00:30
10/24/92	1255	1.96E+02	0:00:30	10/24/92	1632	2.19E+02	0:00:30
10/24/92	1255	2.04E+02	0:00:30	10/26/92	906	1.99E+02	0:00:30
10/24/92	1256	1.84E+02	0:00:30	10/26/92	906	1.94E+02	0:00:30
10/24/92	1402	1.89E+02	0:00:30	10/26/92	907	1.72E+02	0:00:30
10/24/92	1403	1.81E+02	0:00:30	10/26/92	907	1.69E+02	0:00:30
10/24/92	1403	1.71E+02	0:00:30	10/26/92	908	1.64E+02	0:00:30
10/24/92	1404	1.61E+02	0:00:30	10/26/92	908	1.71E+02	0:00:30
10/24/92	1405	1.92E+02	0:00:30	10/26/92	909	1.51E+02	0:00:30
10/24/92	1405	1.81E+02	0:00:30	10/26/92	909	1.89E+02	0:00:30

ESPSUM.XLS

10/26/92	910	2.16E+02	0:00:30	10/26/92	1622	2.24E+02	0:00:30
10/26/92	910	1.91E+02	0:00:30	10/26/92	1623	2.04E+02	0:00:30
10/26/92	1024	1.79E+02	0:00:30	10/26/92	1623	1.89E+02	0:00:30
10/26/92	1024	1.79E+02	0:00:30	10/26/92	1624	2.09E+02	0:00:30
10/26/92	1025	1.36E+02	0:00:30	10/26/92	1624	1.92E+02	0:00:30
10/26/92	1026	1.48E+02	0:00:30	10/26/92	1625	1.94E+02	0:00:30
10/26/92	1026	1.61E+02	0:00:30	10/26/92	1645	1.72E+02	0:00:30
10/26/92	1027	1.63E+02	0:00:30	10/26/92	1645	1.68E+02	0:00:30
10/26/92	1027	1.94E+02	0:00:30	10/26/92	1646	1.61E+02	0:00:30
10/26/92	1028	2.26E+02	0:00:30	10/26/92	1646	1.56E+02	0:00:30
10/26/92	1028	2.04E+02	0:00:30	10/26/92	1647	1.69E+02	0:00:30
10/26/92	1029	2.27E+02	0:00:30	10/26/92	1647	1.92E+02	0:00:30
10/26/92	1029	1.71E+02	0:00:30	10/26/92	1648	1.36E+02	0:00:30
10/26/92	1030	2.31E+02	0:00:30	10/26/92	1648	1.53E+02	0:00:30
10/26/92	1309	1.64E+02	0:00:30	10/26/92	1649	1.46E+02	0:00:30
10/26/92	1310	1.58E+02	0:00:30	10/26/92	1649	2.77E+02	0:00:30
10/26/92	1310	1.72E+02	0:00:30	10/26/92	1650	1.51E+02	0:00:30
10/26/92	1311	1.74E+02	0:00:30	10/26/92	1650	1.58E+02	0:00:30
10/26/92	1311	1.69E+02	0:00:30	10/26/92	1651	2.07E+02	0:00:30
10/26/92	1312	1.84E+02	0:00:30	10/26/92	1651	2.40E+02	0:00:30
10/26/92	1312	1.74E+02	0:00:30	10/26/92	1652	2.24E+02	0:00:30
10/26/92	1313	2.34E+02	0:00:30	10/26/92	1652	2.35E+02	0:00:30
10/26/92	1313	2.11E+02	0:00:30	10/27/92	1301	1.69E+02	0:00:30
10/26/92	1314	2.35E+02	0:00:30	10/27/92	1302	1.84E+02	0:00:30
10/26/92	1314	1.82E+02	0:00:30	10/27/92	1303	1.72E+02	0:00:30
10/26/92	1315	1.84E+02	0:00:30	10/27/92	1303	1.97E+02	0:00:30
10/26/92	1315	2.19E+02	0:00:30	10/27/92	1304	1.63E+02	0:00:30
10/26/92	1411	1.72E+02	0:00:30	10/27/92	1304	1.66E+02	0:00:30
10/26/92	1411	1.61E+02	0:00:30	10/27/92	1305	1.34E+02	0:00:30
10/26/92	1412	1.59E+02	0:00:30	10/27/92	1305	1.39E+02	0:00:30
10/26/92	1413	1.63E+02	0:00:30	10/27/92	1306	1.69E+02	0:00:30
10/26/92	1413	1.89E+02	0:00:30	10/27/92	1306	1.89E+02	0:00:30
10/26/92	1414	1.68E+02	0:00:30	10/27/92	1307	1.94E+02	0:00:30
10/26/92	1414	2.01E+02	0:00:30	10/27/92	1307	2.04E+02	0:00:30
10/26/92	1415	1.97E+02	0:00:30	10/27/92	1308	1.94E+02	0:00:30
10/26/92	1415	1.87E+02	0:00:30	10/27/92	1442	2.07E+02	0:00:30
10/26/92	1416	1.76E+02	0:00:30	10/27/92	1442	1.72E+02	0:00:30
10/26/92	1416	1.77E+02	0:00:30	10/27/92	1443	1.79E+02	0:00:30
10/26/92	1417	1.84E+02	0:00:30	10/27/92	1443	2.44E+02	0:00:30
10/26/92	1617	1.48E+02	0:00:30	10/27/92	1444	2.07E+02	0:00:30
10/26/92	1617	1.69E+02	0:00:30	10/27/92	1444	1.71E+02	0:00:30
10/26/92	1618	1.49E+02	0:00:30	10/27/92	1445	1.71E+02	0:00:30
10/26/92	1618	1.61E+02	0:00:30	10/27/92	1445	1.69E+02	0:00:30
10/26/92	1619	2.02E+02	0:00:30	10/27/92	1446	1.94E+02	0:00:30
10/26/92	1619	1.97E+02	0:00:30	10/27/92	1446	1.77E+02	0:00:30
10/26/92	1620	2.40E+02	0:00:30	10/27/92	1447	1.97E+02	0:00:30
10/26/92	1621	2.31E+02	0:00:30	10/27/92	1448	1.41E+02	0:00:30
10/26/92	1621	2.11E+02	0:00:30	10/27/92	1448	1.94E+02	0:00:30
10/26/92	1622	1.99E+02	0:00:30	10/27/92	1449	1.71E+02	0:00:30

ESPSUM.XLS

10/27/92	1603	1.38E+02	0:00:30	10/28/92	1236	1.87E+02	0:00:30
10/27/92	1604	1.76E+02	0:00:30	10/28/92	1236	2.01E+02	0:00:30
10/27/92	1604	1.66E+02	0:00:30	10/28/92	1338	1.97E+02	0:00:30
10/27/92	1605	1.84E+02	0:00:30	10/28/92	1338	2.02E+02	0:00:30
10/27/92	1605	1.66E+02	0:00:30	10/28/92	1339	2.17E+02	0:00:30
10/27/92	1606	1.82E+02	0:00:30	10/28/92	1339	2.39E+02	0:00:30
10/27/92	1606	1.64E+02	0:00:30	10/28/92	1340	2.01E+02	0:00:30
10/27/92	1607	1.82E+02	0:00:30	10/28/92	1340	1.74E+02	0:00:30
10/27/92	1607	1.97E+02	0:00:30	10/28/92	1341	1.81E+02	0:00:30
10/27/92	1608	1.96E+02	0:00:30	10/28/92	1342	1.91E+02	0:00:30
10/27/92	1608	3.50E+02	0:00:30	10/28/92	1342	2.16E+02	0:00:30
10/27/92	1609	1.91E+02	0:00:30	10/28/92	1343	1.94E+02	0:00:30
10/27/92	1610	1.94E+02	0:00:30	10/28/92	1343	2.29E+02	0:00:30
10/27/92	1610	1.96E+02	0:00:30	10/28/92	1344	2.31E+02	0:00:30
10/27/92	1611	2.47E+02	0:00:30	10/28/92	1427	1.86E+02	0:00:30
10/27/92	1611	1.84E+02	0:00:30	10/28/92	1428	1.92E+02	0:00:30
10/28/92	918	2.19E+02	0:00:30	10/28/92	1428	2.27E+02	0:00:30
10/28/92	918	1.71E+02	0:00:30	10/28/92	1429	2.09E+02	0:00:30
10/28/92	919	1.84E+02	0:00:30	10/28/92	1429	2.14E+02	0:00:30
10/28/92	919	1.74E+02	0:00:30	10/28/92	1430	1.74E+02	0:00:30
10/28/92	920	1.64E+02	0:00:30	10/28/92	1430	2.09E+02	0:00:30
10/28/92	921	2.11E+02	0:00:30	10/28/92	1431	1.77E+02	0:00:30
10/28/92	921	1.49E+02	0:00:30	10/28/92	1431	2.19E+02	0:00:30
10/28/92	922	1.86E+02	0:00:30	10/28/92	1606	1.71E+02	0:00:30
10/28/92	922	2.01E+02	0:00:30	10/28/92	1607	1.82E+02	0:00:30
10/28/92	923	1.71E+02	0:00:30	10/28/92	1607	1.64E+02	0:00:30
10/28/92	1023	1.64E+02	0:00:30	10/28/92	1608	1.51E+02	0:00:30
10/28/92	1024	1.77E+02	0:00:30	10/28/92	1608	1.87E+02	0:00:30
10/28/92	1024	1.71E+02	0:00:30	10/28/92	1609	1.87E+02	0:00:30
10/28/92	1025	1.68E+02	0:00:30	10/28/92	1609	1.99E+02	0:00:30
10/28/92	1025	1.87E+02	0:00:30	10/28/92	1610	1.76E+02	0:00:30
10/28/92	1026	1.97E+02	0:00:30	10/28/92	1610	2.44E+02	0:00:30
10/28/92	1026	1.97E+02	0:00:30	10/28/92	1702	1.84E+02	0:00:30
10/28/92	1027	1.94E+02	0:00:30	10/28/92	1702	1.71E+02	0:00:30
10/28/92	1028	1.94E+02	0:00:30	10/28/92	1703	1.74E+02	0:00:30
10/28/92	1028	2.11E+02	0:00:30	10/28/92	1703	1.71E+02	0:00:30
10/28/92	1029	2.52E+02	0:00:30	10/29/92	1020	1.82E+02	0:00:30
10/28/92	1029	2.11E+02	0:00:30	10/29/92	1021	1.54E+02	0:00:30
10/28/92	1230	1.79E+02	0:00:30	10/29/92	1021	2.34E+02	0:00:30
10/28/92	1230	1.61E+02	0:00:30	10/29/92	1022	1.89E+02	0:00:30
10/28/92	1231	1.63E+02	0:00:30	10/29/92	1022	1.72E+02	0:00:30
10/28/92	1231	1.87E+02	0:00:30	10/29/92	1023	2.22E+02	0:00:30
10/28/92	1232	2.02E+02	0:00:30	10/29/92	1023	2.14E+02	0:00:30
10/28/92	1233	1.69E+02	0:00:30	10/29/92	1103	1.86E+02	0:00:30
10/28/92	1233	1.61E+02	0:00:30	10/29/92	1103	1.96E+02	0:00:30
10/28/92	1234	2.09E+02	0:00:30	10/29/92	1104	1.81E+02	0:00:30
10/28/92	1234	1.86E+02	0:00:30	10/29/92	1104	1.69E+02	0:00:30
10/28/92	1235	1.89E+02	0:00:30	10/29/92	1105	1.82E+02	0:00:30
10/28/92	1235	2.01E+02	0:00:30	10/29/92	1106	1.92E+02	0:00:30

ESPSUM.XLS

10/29/92	1106	1.86E+02	0:00:30	10/30/92	938	1.91E+02	0:00:30
10/29/92	1107	1.58E+02	0:00:30	10/30/92	938	1.29E+02	0:00:30
10/29/92	1237	1.69E+02	0:00:30	10/30/92	939	1.84E+02	0:00:30
10/29/92	1238	1.39E+02	0:00:30	10/30/92	939	1.77E+02	0:00:30
10/29/92	1238	1.84E+02	0:00:30	10/30/92	940	1.96E+02	0:00:30
10/29/92	1239	1.51E+02	0:00:30	10/30/92	941	1.94E+02	0:00:30
10/29/92	1239	1.68E+02	0:00:30	10/30/92	941	1.51E+02	0:00:30
10/29/92	1240	1.56E+02	0:00:30	10/30/92	942	1.71E+02	0:00:30
10/29/92	1240	1.89E+02	0:00:30	10/30/92	942	1.87E+02	0:00:30
10/29/92	1241	2.09E+02	0:00:30	10/30/92	1048	1.48E+02	0:00:30
10/29/92	1241	1.66E+02	0:00:30	10/30/92	1048	1.61E+02	0:00:30
10/29/92	1242	2.14E+02	0:00:30	10/30/92	1049	1.77E+02	0:00:30
10/29/92	1407	1.84E+02	0:00:30	10/30/92	1049	1.51E+02	0:00:30
10/29/92	1408	1.72E+02	0:00:30	10/30/92	1050	1.76E+02	0:00:30
10/29/92	1408	1.61E+02	0:00:30	10/30/92	1051	1.41E+02	0:00:30
10/29/92	1409	1.79E+02	0:00:30	10/30/92	1051	1.77E+02	0:00:30
10/29/92	1409	1.64E+02	0:00:30	10/30/92	1052	1.68E+02	0:00:30
10/29/92	1410	1.49E+02	0:00:30	10/30/92	1052	1.79E+02	0:00:30
10/29/92	1410	2.09E+02	0:00:30	10/30/92	1053	1.76E+02	0:00:30
10/29/92	1411	2.21E+02	0:00:30	10/30/92	1053	2.21E+02	0:00:30
10/29/92	1411	2.31E+02	0:00:30	10/30/92	1228	1.74E+02	0:00:30
10/29/92	1412	1.92E+02	0:00:30	10/30/92	1229	1.71E+02	0:00:30
10/29/92	1412	2.11E+02	0:00:30	10/30/92	1230	1.86E+02	0:00:30
10/29/92	1413	2.02E+02	0:00:30	10/30/92	1230	1.86E+02	0:00:30
10/29/92	1502	1.66E+02	0:00:30	10/30/92	1231	1.77E+02	0:00:30
10/29/92	1503	1.51E+02	0:00:30	10/30/92	1231	1.94E+02	0:00:30
10/29/92	1503	1.96E+02	0:00:30	10/30/92	1232	1.89E+02	0:00:30
10/29/92	1504	2.01E+02	0:00:30	10/30/92	1232	1.97E+02	0:00:30
10/29/92	1504	1.86E+02	0:00:30	10/30/92	1233	1.89E+02	0:00:30
10/29/92	1505	1.81E+02	0:00:30	10/30/92	1233	2.11E+02	0:00:30
10/29/92	1505	1.79E+02	0:00:30	10/30/92	1234	2.17E+02	0:00:30
10/29/92	1506	1.87E+02	0:00:30	10/30/92	1234	2.07E+02	0:00:30
10/29/92	1507	1.56E+02	0:00:30	10/30/92	1331	2.97E+02	0:00:30
10/29/92	1507	1.74E+02	0:00:30	10/30/92	1331	2.12E+02	0:00:30
10/29/92	1508	1.89E+02	0:00:30	10/30/92	1332	1.87E+02	0:00:30
10/29/92	1508	1.66E+02	0:00:30	10/30/92	1332	2.04E+02	0:00:30
10/29/92	1709	1.59E+02	0:00:30	10/30/92	1333	1.68E+02	0:00:30
10/29/92	1710	1.69E+02	0:00:30	10/30/92	1333	1.91E+02	0:00:30
10/29/92	1710	1.69E+02	0:00:30	10/30/92	1334	1.68E+02	0:00:30
10/29/92	1711	1.68E+02	0:00:30	10/30/92	1335	2.24E+02	0:00:30
10/29/92	1711	1.91E+02	0:00:30	10/30/92	1335	2.29E+02	0:00:30
10/29/92	1712	2.74E+02	0:00:30	10/30/92	1336	2.22E+02	0:00:30
10/29/92	1712	1.86E+02	0:00:30	10/30/92	1336	2.21E+02	0:00:30
10/30/92	823	1.94E+02	0:00:30	10/30/92	1337	1.82E+02	0:00:30
10/30/92	823	1.71E+02	0:00:30	10/30/92	1337	2.26E+02	0:00:30
10/30/92	824	1.96E+02	0:00:30	10/30/92	1338	1.74E+02	0:00:30
10/30/92	824	1.82E+02	0:00:30	10/30/92	1338	2.19E+02	0:00:30
10/30/92	825	2.02E+02	0:00:30	10/30/92	1437	1.61E+02	0:00:30
10/30/92	825	1.79E+02	0:00:30	10/30/92	1438	1.99E+02	0:00:30

ESPSUM.XLS

10/30/92	1438	1.87E+02	0:00:30	10/31/92	923	2.50E+02	0:00:30
10/30/92	1439	1.77E+02	0:00:30	10/31/92	924	2.57E+02	0:00:30
10/30/92	1439	1.58E+02	0:00:30	10/31/92	1021	2.55E+02	0:00:30
10/30/92	1440	1.74E+02	0:00:30	10/31/92	1022	2.49E+02	0:00:30
10/30/92	1440	2.16E+02	0:00:30	10/31/92	1022	2.12E+02	0:00:30
10/30/92	1441	1.74E+02	0:00:30	10/31/92	1023	2.02E+02	0:00:30
10/30/92	1441	1.82E+02	0:00:30	10/31/92	1023	1.89E+02	0:00:30
10/30/92	1442	2.21E+02	0:00:30	10/31/92	1024	2.34E+02	0:00:30
10/30/92	1442	2.19E+02	0:00:30	10/31/92	1024	1.71E+02	0:00:30
10/30/92	1443	1.86E+02	0:00:30	10/31/92	1025	2.27E+02	0:00:30
10/30/92	1443	2.22E+02	0:00:30	10/31/92	1025	2.39E+02	0:00:30
10/30/92	1548	2.09E+02	0:00:30	10/31/92	1026	2.11E+02	0:00:30
10/30/92	1548	1.82E+02	0:00:30	10/31/92	1026	2.01E+02	0:00:30
10/30/92	1549	1.99E+02	0:00:30	10/31/92	1027	1.69E+02	0:00:30
10/30/92	1549	1.76E+02	0:00:30	10/31/92	1254	1.64E+02	0:00:30
10/30/92	1550	1.82E+02	0:00:30	10/31/92	1255	1.84E+02	0:00:30
10/30/92	1550	1.68E+02	0:00:30	10/31/92	1255	1.71E+02	0:00:30
10/30/92	1551	1.86E+02	0:00:30	10/31/92	1256	1.97E+02	0:00:30
10/30/92	1551	2.40E+02	0:00:30	10/31/92	1256	2.09E+02	0:00:30
10/30/92	1552	2.52E+02	0:00:30	10/31/92	1257	2.01E+02	0:00:30
10/30/92	1552	1.66E+02	0:00:30	10/31/92	1257	1.46E+02	0:00:30
10/30/92	1553	2.17E+02	0:00:30	10/31/92	1258	1.76E+02	0:00:30
10/30/92	1553	2.19E+02	0:00:30	10/31/92	1258	1.77E+02	0:00:30
10/30/92	1554	2.17E+02	0:00:30	10/31/92	1259	1.72E+02	0:00:30
10/30/92	1555	1.94E+02	0:00:30	10/31/92	1259	1.97E+02	0:00:30
10/30/92	1555	2.14E+02	0:00:30	10/31/92	1300	2.01E+02	0:00:30
10/30/92	1629	2.22E+02	0:00:30	10/31/92	1301	2.07E+02	0:00:30
10/30/92	1630	1.72E+02	0:00:30	10/31/92	1422	1.92E+02	0:00:30
10/30/92	1630	1.74E+02	0:00:30	10/31/92	1422	1.96E+02	0:00:30
10/30/92	1631	1.81E+02	0:00:30	10/31/92	1423	1.97E+02	0:00:30
10/30/92	1631	2.27E+02	0:00:30	10/31/92	1423	1.59E+02	0:00:30
10/30/92	1632	1.74E+02	0:00:30	10/31/92	1424	1.61E+02	0:00:30
10/31/92	815	1.92E+02	0:00:30	10/31/92	1424	1.87E+02	0:00:30
10/31/92	816	1.76E+02	0:00:30	10/31/92	1425	1.87E+02	0:00:30
10/31/92	816	1.97E+02	0:00:30	10/31/92	1425	1.72E+02	0:00:30
10/31/92	817	2.27E+02	0:00:30	10/31/92	1426	1.96E+02	0:00:30
10/31/92	818	2.27E+02	0:00:30	10/31/92	1527	1.84E+02	0:00:30
10/31/92	818	2.22E+02	0:00:30	10/31/92	1528	1.82E+02	0:00:30
10/31/92	917	2.55E+02	0:00:30	10/31/92	1528	1.53E+02	0:00:30
10/31/92	918	1.94E+02	0:00:30	10/31/92	1529	1.72E+02	0:00:30
10/31/92	918	1.97E+02	0:00:30	10/31/92	1529	1.97E+02	0:00:30
10/31/92	919	2.40E+02	0:00:30	10/31/92	1530	2.01E+02	0:00:30
10/31/92	919	2.39E+02	0:00:30	10/31/92	1530	1.91E+02	0:00:30
10/31/92	920	2.04E+02	0:00:30	10/31/92	1531	1.72E+02	0:00:30
10/31/92	920	2.11E+02	0:00:30	10/31/92	1531	1.96E+02	0:00:30
10/31/92	921	1.99E+02	0:00:30	10/31/92	1532	1.71E+02	0:00:30
10/31/92	922	2.12E+02	0:00:30	10/31/92	1532	1.76E+02	0:00:30
10/31/92	922	2.11E+02	0:00:30	10/31/92	1533	2.01E+02	0:00:30
10/31/92	923	2.22E+02	0:00:30	10/31/92	1533	1.44E+02	0:00:30

ESPSUM.XLS

10/31/92	1632	1.69E+02	0:00:30	11/2/92	1417	2.29E+02	0:00:30
10/31/92	1633	1.72E+02	0:00:30	11/2/92	1521	1.96E+02	0:00:30
10/31/92	1633	2.06E+02	0:00:30	11/2/92	1522	1.87E+02	0:00:30
10/31/92	1634	1.97E+02	0:00:30	11/2/92	1522	2.06E+02	0:00:30
10/31/92	1634	1.77E+02	0:00:30	11/2/92	1523	2.16E+02	0:00:30
10/31/92	1635	2.07E+02	0:00:30	11/2/92	1523	2.39E+02	0:00:30
10/31/92	1635	2.14E+02	0:00:30	11/2/92	1524	2.07E+02	0:00:30
10/31/92	1636	2.24E+02	0:00:30	11/2/92	1524	2.34E+02	0:00:30
10/31/92	1636	2.06E+02	0:00:30	11/2/92	1604	1.79E+02	0:00:30
10/31/92	1637	2.75E+02	0:00:30	11/2/92	1605	2.04E+02	0:00:30
10/31/92	1637	2.04E+02	0:00:30	11/2/92	1605	1.79E+02	0:00:30
10/31/92	1638	2.34E+02	0:00:30	11/2/92	1606	1.94E+02	0:00:30
11/2/92	758	1.96E+02	0:00:30	11/2/92	1606	1.82E+02	0:00:30
11/2/92	800	1.72E+02	0:00:30	11/2/92	1607	2.06E+02	0:00:30
11/2/92	801	1.77E+02	0:00:30	11/2/92	1650	1.69E+02	0:00:30
11/2/92	801	1.96E+02	0:00:30	11/2/92	1650	1.77E+02	0:00:30
11/2/92	802	1.86E+02	0:00:30	11/2/92	1651	2.06E+02	0:00:30
11/2/92	802	2.21E+02	0:00:30	11/2/92	1651	2.31E+02	0:00:30
11/2/92	803	1.94E+02	0:00:30	11/2/92	1652	1.76E+02	0:00:30
11/2/92	804	2.21E+02	0:00:30	11/3/92	1006	1.84E+02	0:00:30
11/2/92	804	2.45E+02	0:00:30	11/3/92	1007	1.91E+02	0:00:30
11/2/92	851	1.89E+02	0:00:30	11/3/92	1007	1.92E+02	0:00:30
11/2/92	851	1.59E+02	0:00:30	11/3/92	1008	1.81E+02	0:00:30
11/2/92	852	1.76E+02	0:00:30	11/3/92	1008	2.11E+02	0:00:30
11/2/92	852	2.14E+02	0:00:30	11/3/92	1009	2.70E+02	0:00:30
11/2/92	853	1.92E+02	0:00:30	11/3/92	1009	2.44E+02	0:00:30
11/2/92	853	1.79E+02	0:00:30	11/3/92	1233	1.81E+02	0:00:30
11/2/92	854	2.19E+02	0:00:30	11/3/92	1233	1.92E+02	0:00:30
11/2/92	1051	1.77E+02	0:00:30	11/3/92	1234	2.34E+02	0:00:30
11/2/92	1052	2.01E+02	0:00:30	11/3/92	1234	2.70E+02	0:00:30
11/2/92	1052	1.71E+02	0:00:30	11/3/92	1235	2.62E+02	0:00:30
11/2/92	1053	1.68E+02	0:00:30	11/3/92	1236	2.11E+02	0:00:30
11/2/92	1053	2.37E+02	0:00:30	11/3/92	1417	1.84E+02	0:00:30
11/2/92	1054	2.14E+02	0:00:30	11/3/92	1418	1.87E+02	0:00:30
11/2/92	1054	2.04E+02	0:00:30	11/3/92	1418	1.81E+02	0:00:30
11/2/92	1055	2.40E+02	0:00:30	11/3/92	1419	2.37E+02	0:00:30
11/2/92	1251	2.45E+02	0:00:30	11/3/92	1419	2.31E+02	0:00:30
11/2/92	1251	1.87E+02	0:00:30	11/3/92	1420	2.11E+02	0:00:30
11/2/92	1252	1.77E+02	0:00:30	11/3/92	1421	2.35E+02	0:00:30
11/2/92	1252	1.33E+02	0:00:30	11/3/92	1519	1.68E+02	0:00:30
11/2/92	1253	2.04E+02	0:00:30	11/3/92	1519	2.12E+02	0:00:30
11/2/92	1253	1.99E+02	0:00:30	11/3/92	1520	2.26E+02	0:00:30
11/2/92	1254	1.89E+02	0:00:30	11/3/92	1520	2.01E+02	0:00:30
11/2/92	1414	1.76E+02	0:00:30	11/3/92	1521	2.19E+02	0:00:30
11/2/92	1414	2.21E+02	0:00:30	11/3/92	1644	1.54E+02	0:00:30
11/2/92	1415	2.09E+02	0:00:30	11/3/92	1644	1.87E+02	0:00:30
11/2/92	1415	2.12E+02	0:00:30	11/3/92	1645	1.69E+02	0:00:30
11/2/92	1416	1.59E+02	0:00:30	11/3/92	1645	2.45E+02	0:00:30
11/2/92	1416	1.96E+02	0:00:30	11/3/92	1646	2.17E+02	0:00:30

ESPSUM.XLS

11/3/92	1647	1.82E+02	0:00:30	11/4/92	1407	1.89E+02	0:00:30
11/3/92	1647	1.72E+02	0:00:30	11/4/92	1407	1.77E+02	0:00:30
11/4/92	815	2.09E+02	0:00:30	11/4/92	1408	1.91E+02	0:00:30
11/4/92	815	1.84E+02	0:00:30	11/4/92	1408	1.87E+02	0:00:30
11/4/92	816	1.96E+02	0:00:30	11/4/92	1409	1.59E+02	0:00:30
11/4/92	816	2.19E+02	0:00:30	11/4/92	1409	2.47E+02	0:00:30
11/4/92	817	2.12E+02	0:00:30	11/4/92	1411	2.31E+02	0:00:30
11/4/92	818	2.02E+02	0:00:30	11/4/92	1412	2.06E+02	0:00:30
11/4/92	818	1.74E+02	0:00:30	11/4/92	1513	1.59E+02	0:00:30
11/4/92	819	2.06E+02	0:00:30	11/4/92	1513	1.71E+02	0:00:30
11/4/92	910	1.92E+02	0:00:30	11/4/92	1514	1.96E+02	0:00:30
11/4/92	910	1.66E+02	0:00:30	11/4/92	1514	1.92E+02	0:00:30
11/4/92	911	1.76E+02	0:00:30	11/4/92	1515	2.04E+02	0:00:30
11/4/92	912	2.17E+02	0:00:30	11/4/92	1515	1.82E+02	0:00:30
11/4/92	912	1.94E+02	0:00:30	11/4/92	1516	2.01E+02	0:00:30
11/4/92	913	2.07E+02	0:00:30	11/4/92	1516	1.81E+02	0:00:30
11/4/92	913	2.21E+02	0:00:30	11/4/92	1517	1.89E+02	0:00:30
11/4/92	914	2.27E+02	0:00:30	11/4/92	1517	2.27E+02	0:00:30
11/4/92	914	1.97E+02	0:00:30	11/4/92	1620	1.74E+02	0:00:30
11/4/92	1026	1.51E+02	0:00:30	11/4/92	1621	1.74E+02	0:00:30
11/4/92	1026	1.81E+02	0:00:30	11/4/92	1621	2.14E+02	0:00:30
11/4/92	1027	1.89E+02	0:00:30	11/4/92	1622	1.87E+02	0:00:30
11/4/92	1027	1.77E+02	0:00:30	11/4/92	1622	1.54E+02	0:00:30
11/4/92	1028	1.96E+02	0:00:30	11/4/92	1623	1.74E+02	0:00:30
11/4/92	1028	1.92E+02	0:00:30	11/4/92	1623	2.01E+02	0:00:30
11/4/92	1029	1.87E+02	0:00:30	11/4/92	1624	2.01E+02	0:00:30
11/4/92	1030	1.79E+02	0:00:30	11/4/92	1701	1.97E+02	0:00:30
11/4/92	1030	1.94E+02	0:00:30	11/4/92	1702	2.12E+02	0:00:30
11/4/92	1031	1.92E+02	0:00:30	11/4/92	1702	1.91E+02	0:00:30
11/4/92	1117	2.24E+02	0:00:30	11/4/92	1703	1.87E+02	0:00:30
11/4/92	1118	2.06E+02	0:00:30	11/4/92	1703	1.79E+02	0:00:30
11/4/92	1118	1.86E+02	0:00:30	11/4/92	1704	1.53E+02	0:00:30
11/4/92	1119	1.97E+02	0:00:30	11/4/92	1705	1.61E+02	0:00:30
11/4/92	1119	1.74E+02	0:00:30	11/4/92	1705	1.68E+02	0:00:30
11/4/92	1120	2.09E+02	0:00:30	11/4/92	1706	1.56E+02	0:00:30
11/4/92	1305	2.12E+02	0:00:30	11/4/92	1706	2.14E+02	0:00:30
11/4/92	1305	1.87E+02	0:00:30	11/5/92	833	2.09E+02	0:00:30
11/4/92	1306	1.89E+02	0:00:30	11/5/92	834	2.09E+02	0:00:30
11/4/92	1306	2.06E+02	0:00:30	11/5/92	834	1.77E+02	0:00:30
11/4/92	1307	1.91E+02	0:00:30	11/5/92	835	1.82E+02	0:00:30
11/4/92	1307	1.91E+02	0:00:30	11/5/92	835	2.12E+02	0:00:30
11/4/92	1308	1.69E+02	0:00:30	11/5/92	836	1.82E+02	0:00:30
11/4/92	1308	1.84E+02	0:00:30	11/5/92	836	1.56E+02	0:00:30
11/4/92	1309	2.06E+02	0:00:30	11/5/92	837	1.89E+02	0:00:30
11/4/92	1309	2.02E+02	0:00:30	11/5/92	837	1.86E+02	0:00:30
11/4/92	1310	2.27E+02	0:00:30	11/5/92	838	2.19E+02	0:00:30
11/4/92	1405	1.82E+02	0:00:30	11/5/92	1433	2.09E+02	0:00:30
11/4/92	1406	4.38E+02	0:00:30	11/5/92	1433	2.17E+02	0:00:30
11/4/92	1406	2.22E+02	0:00:30	11/5/92	1434	1.72E+02	0:00:30

ESPSUM.XLS

11/5/92	1434	1.89E+02	0:00:30	11/6/92	1605	2.40E+02	0:00:30
11/5/92	1435	2.65E+02	0:00:30	11/6/92	1606	2.22E+02	0:00:30
11/5/92	1435	2.17E+02	0:00:30	11/6/92	1606	2.04E+02	0:00:30
11/5/92	1436	2.19E+02	0:00:30	11/6/92	1607	1.74E+02	0:00:30
11/5/92	1436	1.99E+02	0:00:30	11/6/92	1608	2.14E+02	0:00:30
11/5/92	1437	3.43E+02	0:00:30	11/6/92	1608	2.31E+02	0:00:30
11/5/92	1437	2.44E+02	0:00:30	11/6/92	1613	2.67E+02	0:00:30
11/5/92	1438	2.01E+02	0:00:30	11/6/92	1619	2.12E+02	0:00:30
11/5/92	1438	1.59E+02	0:00:30	11/6/92	1619	2.47E+02	0:00:30
11/5/92	1439	2.02E+02	0:00:30	11/6/92	1620	2.14E+02	0:00:30
11/5/92	1439	1.94E+02	0:00:30	11/6/92	1621	1.96E+02	0:00:30
11/5/92	1440	1.76E+02	0:00:30	11/7/92	937	1.49E+02	0:00:30
11/5/92	1440	1.94E+02	0:00:30	11/7/92	937	1.74E+02	0:00:30
11/5/92	1441	2.47E+02	0:00:30	11/7/92	938	2.02E+02	0:00:30
11/5/92	1442	2.02E+02	0:00:30	11/7/92	939	1.97E+02	0:00:30
11/5/92	1442	2.27E+02	0:00:30	11/7/92	939	1.76E+02	0:00:30
11/5/92	1443	2.01E+02	0:00:30	11/7/92	940	1.61E+02	0:00:30
11/5/92	1443	2.11E+02	0:00:30	11/7/92	940	1.51E+02	0:00:30
11/5/92	1444	1.82E+02	0:00:30	11/7/92	941	1.66E+02	0:00:30
11/5/92	1711	1.79E+02	0:00:30	11/7/92	941	1.51E+02	0:00:30
11/5/92	1711	2.12E+02	0:00:30	11/7/92	942	2.12E+02	0:00:30
11/5/92	1712	2.04E+02	0:00:30	11/7/92	942	1.68E+02	0:00:30
11/5/92	1712	1.86E+02	0:00:30	11/7/92	1115	1.66E+02	0:00:30
11/5/92	1713	2.01E+02	0:00:30	11/7/92	1115	2.49E+02	0:00:30
11/5/92	1713	2.01E+02	0:00:30	11/7/92	1116	2.16E+02	0:00:30
11/6/92	1029	1.59E+02	0:00:30	11/7/92	1116	1.97E+02	0:00:30
11/6/92	1029	2.01E+02	0:00:30	11/7/92	1117	1.63E+02	0:00:30
11/6/92	1030	2.11E+02	0:00:30	11/7/92	1117	3.45E+02	0:00:30
11/6/92	1030	2.12E+02	0:00:30	11/7/92	1118	1.71E+02	0:00:30
11/6/92	1031	4.30E+02	0:00:30	11/7/92	1118	2.40E+02	0:00:30
11/6/92	1035	2.42E+02	0:00:30	11/7/92	1315	1.89E+02	0:00:30
11/6/92	1035	2.42E+02	0:00:30	11/7/92	1316	2.19E+02	0:00:30
11/6/92	1036	2.07E+02	0:00:30	11/7/92	1316	1.94E+02	0:00:30
11/6/92	1036	2.19E+02	0:00:30	11/7/92	1317	1.92E+02	0:00:30
11/6/92	1222	1.77E+02	0:00:30	11/7/92	1317	2.26E+02	0:00:30
11/6/92	1223	1.84E+02	0:00:30	11/7/92	1318	1.51E+02	0:00:30
11/6/92	1223	1.74E+02	0:00:30	11/7/92	1318	1.61E+02	0:00:30
11/6/92	1224	2.06E+02	0:00:30	11/7/92	1319	2.02E+02	0:00:30
11/6/92	1224	2.06E+02	0:00:30	11/7/92	1401	1.99E+02	0:00:30
11/6/92	1225	1.77E+02	0:00:30	11/7/92	1402	1.63E+02	0:00:30
11/6/92	1225	1.84E+02	0:00:30	11/7/92	1402	2.16E+02	0:00:30
11/6/92	1226	2.09E+02	0:00:30	11/7/92	1403	1.82E+02	0:00:30
11/6/92	1602	1.81E+02	0:00:30	11/7/92	1403	2.16E+02	0:00:30
11/6/92	1602	1.69E+02	0:00:30	11/7/92	1404	1.91E+02	0:00:30
11/6/92	1603	1.86E+02	0:00:30	11/7/92	1612	1.74E+02	0:00:30
11/6/92	1603	2.27E+02	0:00:30	11/7/92	1613	2.07E+02	0:00:30
11/6/92	1604	2.11E+02	0:00:30	11/7/92	1613	2.26E+02	0:00:30
11/6/92	1604	2.39E+02	0:00:30	11/7/92	1614	2.39E+02	0:00:30
11/6/92	1605	2.47E+02	0:00:30	11/7/92	1614	1.89E+02	0:00:30

ESPSUM.XLS

11/7/92	1615	1.54E+02	0:00:30	12/31/92	1309	1.79E+02	0:00:30
11/7/92	1615	1.86E+02	0:00:30	12/31/92	1310	1.49E+02	0:00:30
11/7/92	1616	2.01E+02	0:00:30	12/31/92	1310	1.67E+02	0:00:30
11/7/92	1616	1.68E+02	0:00:30	12/31/92	1311	1.89E+02	0:00:30
12/30/92	1403	1.92E+02	0:00:30	12/31/92	1311	1.41E+02	0:00:30
12/30/92	1403	1.98E+02	0:00:30	12/31/92	1312	1.67E+02	0:00:30
12/30/92	1404	2.03E+02	0:00:30	12/31/92	1312	2.01E+02	0:00:30
12/30/92	1404	1.75E+02	0:00:30	12/31/92	1431	1.99E+02	0:00:30
12/30/92	1405	1.48E+02	0:00:30	12/31/92	1431	1.53E+02	0:00:30
12/30/92	1405	1.41E+02	0:00:30	12/31/92	1432	1.51E+02	0:00:30
12/30/92	1406	1.82E+02	0:00:30	12/31/92	1432	1.43E+02	0:00:30
12/30/92	1512	1.55E+02	0:00:30	12/31/92	1433	1.20E+02	0:00:30
12/30/92	1513	1.43E+02	0:00:30	12/31/92	1433	1.58E+02	0:00:30
12/30/92	1513	1.87E+02	0:00:30	12/31/92	1434	1.58E+02	0:00:30
12/30/92	1514	1.60E+02	0:00:30	12/31/92	1434	1.48E+02	0:00:30
12/30/92	1514	2.47E+02	0:00:30	12/31/92	1435	1.53E+02	0:00:30
12/30/92	1515	1.20E+02	0:00:30	12/31/92	1435	2.01E+02	0:00:30
12/30/92	1515	1.25E+02	0:00:30	12/31/92	1436	1.46E+02	0:00:30
12/30/92	1516	1.53E+02	0:00:30	12/31/92	1437	1.15E+02	0:00:30
12/30/92	1517	1.58E+02	0:00:30	12/31/92	1437	1.20E+02	0:00:30
12/30/92	1601	1.87E+02	0:00:30	12/31/92	1533	1.70E+02	0:00:30
12/30/92	1601	1.55E+02	0:00:30	12/31/92	1534	1.94E+02	0:00:30
12/30/92	1602	1.53E+02	0:00:30	12/31/92	1534	1.89E+02	0:00:30
12/30/92	1602	1.70E+02	0:00:30	12/31/92	1535	2.18E+02	0:00:30
12/30/92	1603	1.27E+02	0:00:30	12/31/92	1535	1.96E+02	0:00:30
12/31/92	1603	1.49E+02	0:00:30	12/31/92	1536	1.56E+02	0:00:30
12/30/92	1604	1.49E+02	0:00:30	12/31/92	1536	1.62E+02	0:00:30
12/30/92	1604	1.46E+02	0:00:30	12/31/92	1537	1.07E+02	0:00:30
12/30/92	1605	1.44E+02	0:00:30	12/31/92	1537	1.43E+02	0:00:30
12/30/92	1605	1.41E+02	0:00:30	12/31/92	1538	1.60E+02	0:00:30
12/30/92	1606	1.27E+02	0:00:30	12/31/92	1652	1.37E+02	0:00:30
12/30/92	1606	1.56E+02	0:00:30	12/31/92	1653	1.53E+02	0:00:30
12/31/92	855	1.29E+02	0:00:30	12/31/92	1653	2.13E+02	0:00:30
12/31/92	856	1.37E+02	0:00:30	12/31/92	1654	2.49E+02	0:00:30
12/31/92	856	1.41E+02	0:00:30	12/31/92	1655	2.20E+02	0:00:30
12/31/92	857	1.51E+02	0:00:30	12/31/92	1655	2.32E+02	0:00:30
12/31/92	1008	1.51E+02	0:00:30	12/31/92	1656	2.29E+02	0:00:30
12/31/92	1008	1.44E+02	0:00:30	12/31/92	1656	1.99E+02	0:00:30
12/31/92	1009	1.51E+02	0:00:30	1/2/93	745	1.99E+02	0:00:30
12/31/92	1009	1.46E+02	0:00:30	1/2/93	746	1.75E+02	0:00:30
12/31/92	1010	1.48E+02	0:00:30	1/2/93	746	1.58E+02	0:00:30
12/31/92	1207	1.70E+02	0:00:30	1/2/93	747	1.65E+02	0:00:30
12/31/92	1207	1.60E+02	0:00:30	1/2/93	747	1.74E+02	0:00:30
12/31/92	1208	1.55E+02	0:00:30	1/2/93	1235	1.07E+02	0:00:30
12/31/92	1208	1.53E+02	0:00:30	1/2/93	1236	8.93E+01	0:00:30
12/31/92	1209	1.43E+02	0:00:30	1/4/93	856	1.39E+02	0:00:30
12/31/92	1209	1.43E+02	0:00:30	1/4/93	856	1.55E+02	0:00:30
12/31/92	1210	1.55E+02	0:00:30	1/4/93	857	1.65E+02	0:00:30
12/31/92	1309	1.67E+02	0:00:30	1/4/93	858	1.34E+02	0:00:30

ESPSUM.XLS

1/4/93	858	1.31E+02	0:00:30	1/6/93	841	1.63E+02	0:00:30
1/4/93	859	1.01E+02	0:00:30	1/6/93	841	1.74E+02	0:00:30
1/4/93	859	1.46E+02	0:00:30	1/6/93	842	2.11E+02	0:00:30
1/4/93	1006	1.89E+02	0:00:30	1/6/93	842	1.53E+02	0:00:30
1/4/93	1006	1.36E+02	0:00:30	1/6/93	843	1.53E+02	0:00:30
1/4/93	1007	1.60E+02	0:00:30	1/6/93	933	1.62E+02	0:00:30
1/4/93	1007	1.98E+02	0:00:30	1/6/93	934	1.41E+02	0:00:30
1/4/93	1008	1.48E+02	0:00:30	1/6/93	934	1.89E+02	0:00:30
1/4/93	1008	1.60E+02	0:00:30	1/6/93	935	1.67E+02	0:00:30
1/4/93	1009	1.51E+02	0:00:30	1/6/93	936	1.60E+02	0:00:30
1/4/93	1009	1.43E+02	0:00:30	1/6/93	936	1.62E+02	0:00:30
1/4/93	1046	1.79E+02	0:00:30	1/6/93	937	1.24E+02	0:00:30
1/4/93	1046	2.08E+02	0:00:30	1/6/93	937	1.51E+02	0:00:30
1/4/93	1047	1.67E+02	0:00:30	1/6/93	1033	1.43E+02	0:00:30
1/4/93	1047	1.63E+02	0:00:30	1/6/93	1034	1.89E+02	0:00:30
1/4/93	1048	3.63E+02	0:00:30	1/6/93	1034	1.72E+02	0:00:30
1/4/93	1048	1.44E+02	0:00:30	1/6/93	1035	1.70E+02	0:00:30
1/4/93	1049	1.49E+02	0:00:30	1/6/93	1035	1.49E+02	0:00:30
1/4/93	1049	1.48E+02	0:00:30	1/6/93	1244	1.55E+02	0:00:30
1/4/93	1240	1.48E+02	0:00:30	1/6/93	1245	1.84E+02	0:00:30
1/4/93	1240	1.58E+02	0:00:30	1/6/93	1245	1.77E+02	0:00:30
1/4/93	1241	1.53E+02	0:00:30	1/6/93	1246	1.48E+02	0:00:30
1/4/93	1241	1.36E+02	0:00:30	1/6/93	1246	1.53E+02	0:00:30
1/4/93	1242	1.44E+02	0:00:30	1/6/93	1247	1.70E+02	0:00:30
1/4/93	1242	1.72E+02	0:00:30	1/6/93	1353	1.58E+02	0:00:30
1/4/93	1407	1.92E+02	0:00:30	1/6/93	1353	1.65E+02	0:00:30
1/4/93	1407	1.63E+02	0:00:30	1/6/93	1354	1.60E+02	0:00:30
1/4/93	1408	1.20E+02	0:00:30	1/6/93	1354	1.87E+02	0:00:30
1/4/93	1408	1.43E+02	0:00:30	1/6/93	1355	1.65E+02	0:00:30
1/4/93	1409	1.68E+02	0:00:30	1/6/93	1355	1.13E+02	0:00:30
1/4/93	1457	1.29E+02	0:00:30	1/6/93	1356	1.67E+02	0:00:30
1/4/93	1458	1.72E+02	0:00:30	1/6/93	1356	1.34E+02	0:00:30
1/4/93	1458	1.74E+02	0:00:30	1/6/93	1357	1.79E+02	0:00:30
1/4/93	1459	1.74E+02	0:00:30	1/6/93	1501	1.65E+02	0:00:30
1/4/93	1627	1.68E+02	0:00:30	1/6/93	1502	1.70E+02	0:00:30
1/4/93	1627	1.68E+02	0:00:30	1/6/93	1502	1.53E+02	0:00:30
1/4/93	1628	1.46E+02	0:00:30	1/6/93	1503	1.32E+02	0:00:30
1/4/93	1628	1.62E+02	0:00:30	1/6/93	1503	1.60E+02	0:00:30
1/4/93	1629	1.63E+02	0:00:30	1/6/93	1504	1.79E+02	0:00:30
1/5/93	834	1.53E+02	0:00:30	1/6/93	1504	1.55E+02	0:00:30
1/5/93	835	1.48E+02	0:00:30	1/6/93	1505	1.46E+02	0:00:30
1/5/93	835	1.62E+02	0:00:30	1/7/93	816	1.67E+02	0:00:30
1/5/93	836	1.67E+02	0:00:30	1/7/93	817	1.68E+02	0:00:30
1/5/93	836	1.62E+02	0:00:30	1/7/93	817	1.68E+02	0:00:30
1/5/93	837	1.67E+02	0:00:30	1/7/93	818	1.68E+02	0:00:30
1/6/93	838	1.99E+02	0:00:30	1/7/93	931	1.46E+02	0:00:30
1/6/93	839	1.63E+02	0:00:30	1/7/93	932	1.43E+02	0:00:30
1/6/93	839	1.46E+02	0:00:30	1/7/93	933	1.68E+02	0:00:30
1/6/93	840	1.72E+02	0:00:30	1/7/93	933	1.68E+02	0:00:30

ESPSUM.XLS

1/7/93	934	1.79E+02	0:00:30	1/8/93	819	1.70E+02	0:00:30
1/7/93	934	1.43E+02	0:00:30	1/8/93	819	1.82E+02	0:00:30
1/7/93	1025	2.11E+02	0:00:30	1/8/93	820	1.80E+02	0:00:30
1/7/93	1026	1.58E+02	0:00:30	1/8/93	820	1.70E+02	0:00:30
1/7/93	1026	1.77E+02	0:00:30	1/8/93	821	1.92E+02	0:00:30
1/7/93	1027	1.77E+02	0:00:30	1/8/93	821	2.08E+02	0:00:30
1/7/93	1027	1.79E+02	0:00:30	1/8/93	822	1.89E+02	0:00:30
1/7/93	1028	1.39E+02	0:00:30	1/8/93	822	1.99E+02	0:00:30
1/7/93	1233	1.96E+02	0:00:30	1/8/93	823	1.49E+02	0:00:30
1/7/93	1233	1.77E+02	0:00:30	1/8/93	823	1.79E+02	0:00:30
1/7/93	1234	1.84E+02	0:00:30	1/8/93	824	1.84E+02	0:00:30
1/7/93	1234	1.62E+02	0:00:30	1/8/93	824	1.87E+02	0:00:30
1/7/93	1235	1.58E+02	0:00:30	1/8/93	825	1.62E+02	0:00:30
1/7/93	1235	1.72E+02	0:00:30	1/8/93	826	2.13E+02	0:00:30
1/7/93	1236	1.39E+02	0:00:30	1/8/93	826	1.82E+02	0:00:30
1/7/93	1236	1.65E+02	0:00:30	1/8/93	827	1.84E+02	0:00:30
1/7/93	1413	1.55E+02	0:00:30	1/8/93	827	2.03E+02	0:00:30
1/7/93	1414	1.46E+02	0:00:30	1/8/93	828	1.98E+02	0:00:30
1/7/93	1414	1.58E+02	0:00:30	1/8/93	828	1.96E+02	0:00:30
1/7/93	1415	1.56E+02	0:00:30	1/8/93	829	1.86E+02	0:00:30
1/7/93	1415	1.56E+02	0:00:30	1/8/93	829	1.58E+02	0:00:30
1/7/93	1416	1.39E+02	0:00:30	1/8/93	830	1.87E+02	0:00:30
1/7/93	1416	1.75E+02	0:00:30	1/8/93	830	1.67E+02	0:00:30
1/7/93	1417	1.53E+02	0:00:30	1/8/93	831	1.43E+02	0:00:30
1/7/93	1531	1.27E+02	0:00:30	1/8/93	831	1.91E+02	0:00:30
1/7/93	1531	1.58E+02	0:00:30	1/8/93	832	1.92E+02	0:00:30
1/7/93	1532	1.46E+02	0:00:30	1/8/93	832	2.10E+02	0:00:30
1/7/93	1532	1.29E+02	0:00:30	1/8/93	833	2.01E+02	0:00:30
1/7/93	1533	1.31E+02	0:00:30	1/8/93	834	1.60E+02	0:00:30
1/7/93	1533	1.51E+02	0:00:30	1/8/93	834	1.68E+02	0:00:30
1/7/93	1534	1.84E+02	0:00:30	1/8/93	835	1.68E+02	0:00:30
1/7/93	1634	1.94E+02	0:00:30	1/8/93	835	1.80E+02	0:00:30
1/7/93	1635	1.41E+02	0:00:30	1/8/93	836	1.84E+02	0:00:30
1/7/93	1635	1.72E+02	0:00:30	1/8/93	836	2.01E+02	0:00:30
1/7/93	1636	1.49E+02	0:00:30	1/8/93	837	1.77E+02	0:00:30
1/7/93	1636	1.84E+02	0:00:30	1/8/93	837	1.86E+02	0:00:30
1/7/93	1637	1.99E+02	0:00:30	1/8/93	838	2.10E+02	0:00:30
1/7/93	1637	1.65E+02	0:00:30	1/8/93	838	1.91E+02	0:00:30
1/7/93	1638	1.72E+02	0:00:30	1/8/93	839	1.68E+02	0:00:30
1/8/93	813	1.89E+02	0:00:30	1/8/93	839	1.74E+02	0:00:30
1/8/93	814	1.63E+02	0:00:30	1/8/93	840	1.55E+02	0:00:30
1/8/93	814	1.74E+02	0:00:30	1/8/93	840	1.91E+02	0:00:30
1/8/93	815	1.17E+02	0:00:30	1/8/93	841	2.11E+02	0:00:30
1/8/93	815	1.79E+02	0:00:30	1/8/93	841	2.06E+02	0:00:30
1/8/93	816	1.80E+02	0:00:30	1/8/93	842	1.60E+02	0:00:30
1/8/93	817	2.77E+02	0:00:30	1/8/93	843	1.99E+02	0:00:30
1/8/93	817	2.41E+02	0:00:30	1/8/93	843	1.98E+02	0:00:30
1/8/93	818	1.75E+02	0:00:30	1/8/93	844	2.11E+02	0:00:30
1/8/93	818	1.60E+02	0:00:30	1/8/93	844	1.94E+02	0:00:30

ESPSUM.XLS

1/8/93	845	1.91E+02	0:00:30	1/8/93	1421	1.44E+02	0:00:30
1/8/93	845	1.65E+02	0:00:30	1/8/93	1421	1.48E+02	0:00:30
1/8/93	846	1.94E+02	0:00:30	1/8/93	1422	1.86E+02	0:00:30
1/8/93	846	1.60E+02	0:00:30	1/8/93	1509	1.51E+02	0:00:30
1/8/93	847	1.74E+02	0:00:30	1/8/93	1509	1.72E+02	0:00:30
1/8/93	847	1.72E+02	0:00:30	1/8/93	1510	1.55E+02	0:00:30
1/8/93	848	2.01E+02	0:00:30	1/8/93	1510	1.31E+02	0:00:30
1/8/93	848	1.89E+02	0:00:30	1/8/93	1511	1.43E+02	0:00:30
1/8/93	849	1.77E+02	0:00:30	1/18/93	1417	1.72E+02	0:00:30
1/8/93	849	1.99E+02	0:00:30	1/18/93	1418	1.67E+02	0:00:30
1/8/93	850	1.65E+02	0:00:30	1/18/93	1418	1.53E+02	0:00:30
1/8/93	850	2.04E+02	0:00:30	1/18/93	1419	1.68E+02	0:00:30
1/8/93	851	1.60E+02	0:00:30	1/18/93	1419	1.75E+02	0:00:30
1/8/93	852	1.80E+02	0:00:30	1/18/93	1420	1.68E+02	0:00:30
1/8/93	852	1.96E+02	0:00:30	1/18/93	1420	1.56E+02	0:00:30
1/8/93	853	2.22E+02	0:00:30	1/18/93	1421	1.53E+02	0:00:30
1/8/93	853	1.63E+02	0:00:30	1/18/93	1512	1.89E+02	0:00:30
1/8/93	854	2.03E+02	0:00:30	1/18/93	1512	1.79E+02	0:00:30
1/8/93	854	1.80E+02	0:00:30	1/18/93	1513	1.55E+02	0:00:30
1/8/93	855	1.74E+02	0:00:30	1/18/93	1513	1.98E+02	0:00:30
1/8/93	855	1.98E+02	0:00:30	1/18/93	1514	1.51E+02	0:00:30
1/8/93	856	1.75E+02	0:00:30	1/18/93	1514	1.48E+02	0:00:30
1/8/93	856	1.94E+02	0:00:30	1/18/93	1515	1.36E+02	0:00:30
1/8/93	857	1.68E+02	0:00:30	1/18/93	1515	1.56E+02	0:00:30
1/8/93	857	1.94E+02	0:00:30	1/18/93	1516	1.60E+02	0:00:30
1/8/93	858	1.92E+02	0:00:30	1/18/93	1517	1.60E+02	0:00:30
1/8/93	858	1.60E+02	0:00:30	1/18/93	1626	3.80E+02	0:00:30
1/8/93	859	2.13E+02	0:00:30	1/18/93	1627	2.58E+02	0:00:30
1/8/93	917	4.79E+02	0:00:30	1/18/93	1627	1.79E+02	0:00:30
1/8/93	918	3.52E+02	0:00:30	1/18/93	1628	1.63E+02	0:00:30
1/8/93	918	1.29E+02	0:00:30	1/18/93	1628	1.55E+02	0:00:30
1/8/93	919	1.67E+02	0:00:30	1/18/93	1629	1.65E+02	0:00:30
1/8/93	919	1.74E+02	0:00:30	1/18/93	1629	2.08E+02	0:00:30
1/8/93	920	1.72E+02	0:00:30	1/18/93	1630	1.58E+02	0:00:30
1/8/93	1028	1.31E+02	0:00:30	1/18/93	1630	1.77E+02	0:00:30
1/8/93	1029	1.65E+02	0:00:30	1/19/93	750	1.72E+02	0:00:30
1/8/93	1029	1.55E+02	0:00:30	1/19/93	751	1.48E+02	0:00:30
1/8/93	1030	1.70E+02	0:00:30	1/19/93	751	1.75E+02	0:00:30
1/8/93	1030	1.44E+02	0:00:30	1/19/93	752	1.91E+02	0:00:30
1/8/93	1256	1.39E+02	0:00:30	1/19/93	919	1.99E+02	0:00:30
1/8/93	1256	1.62E+02	0:00:30	1/19/93	920	2.16E+02	0:00:30
1/8/93	1257	1.96E+02	0:00:30	1/19/93	920	2.06E+02	0:00:30
1/8/93	1257	1.75E+02	0:00:30	1/19/93	921	2.39E+02	0:00:30
1/8/93	1258	1.80E+02	0:00:30	1/19/93	921	2.23E+02	0:00:30
1/8/93	1258	1.51E+02	0:00:30	1/19/93	922	2.04E+02	0:00:30
1/8/93	1418	1.32E+02	0:00:30	1/19/93	922	1.87E+02	0:00:30
1/8/93	1419	1.32E+02	0:00:30	1/19/93	923	1.63E+02	0:00:30
1/8/93	1419	1.56E+02	0:00:30	1/19/93	1325	1.92E+02	0:00:30
1/8/93	1420	1.48E+02	0:00:30	1/19/93	1326	2.01E+02	0:00:30

ESPSUM.XLS

1/19/93	1326	2.08E+02	0:00:30	1/20/93	942	2.27E+02	0:00:30
1/19/93	1327	1.86E+02	0:00:30	1/20/93	943	1.77E+02	0:00:30
1/19/93	1327	1.75E+02	0:00:30	1/20/93	944	1.82E+02	0:00:15
1/19/93	1328	1.94E+02	0:00:30	1/20/93	1055	1.79E+02	0:00:15
1/19/93	1328	2.10E+02	0:00:30	1/20/93	1056	1.44E+02	0:00:15
1/19/93	1329	2.27E+02	0:00:30	1/20/93	1056	2.06E+02	0:00:15
1/19/93	1329	2.03E+02	0:00:30	1/20/93	1056	2.20E+02	0:00:15
1/19/93	1330	1.87E+02	0:00:30	1/20/93	1057	2.51E+02	0:00:15
1/19/93	1331	1.94E+02	0:00:30	1/20/93	1057	1.65E+02	0:00:15
1/19/93	1331	3.37E+02	0:00:30	1/20/93	1057	2.54E+02	0:00:15
1/19/93	1332	3.09E+02	0:00:30	1/20/93	1057	1.99E+02	0:00:15
1/19/93	1333	2.11E+02	0:00:30	1/20/93	1058	2.13E+02	0:00:15
1/19/93	1430	2.04E+02	0:00:30	1/20/93	1058	2.20E+02	0:00:15
1/19/93	1430	1.86E+02	0:00:30	1/20/93	1058	1.62E+02	0:00:15
1/19/93	1431	1.80E+02	0:00:30	1/20/93	1654	2.65E+02	0:00:15
1/19/93	1431	1.77E+02	0:00:30	1/22/93	829	2.37E+02	0:00:15
1/19/93	1432	1.99E+02	0:00:30	1/22/93	829	2.10E+02	0:00:15
1/19/93	1432	1.86E+02	0:00:30	1/22/93	829	2.30E+02	0:00:15
1/19/93	1433	1.77E+02	0:00:30	1/22/93	830	2.13E+02	0:00:30
1/19/93	1433	2.06E+02	0:00:30	1/22/93	831	1.96E+02	0:00:30
1/19/93	1434	2.10E+02	0:00:30	1/22/93	831	1.70E+02	0:00:30
1/19/93	1435	1.84E+02	0:00:30	1/22/93	832	2.01E+02	0:00:30
1/19/93	1435	2.08E+02	0:00:30	1/22/93	1237	1.99E+02	0:00:30
1/19/93	1540	1.55E+02	0:00:30	1/22/93	1238	1.79E+02	0:00:30
1/19/93	1541	1.75E+02	0:00:30	1/22/93	1238	1.92E+02	0:00:30
1/19/93	1542	1.89E+02	0:00:30	1/22/93	1239	1.68E+02	0:00:30
1/19/93	1542	1.63E+02	0:00:30	1/22/93	1239	2.01E+02	0:00:30
1/19/93	1543	1.84E+02	0:00:30	1/22/93	1240	2.85E+02	0:00:30
1/19/93	1543	1.92E+02	0:00:30	1/22/93	1240	1.98E+02	0:00:30
1/19/93	1703	1.75E+02	0:00:30	1/22/93	1241	1.89E+02	0:00:30
1/19/93	1704	1.84E+02	0:00:30	1/22/93	1241	1.89E+02	0:00:30
1/19/93	1704	1.79E+02	0:00:30	1/22/93	1421	2.15E+02	0:00:30
1/19/93	1705	1.94E+02	0:00:30	1/22/93	1421	2.16E+02	0:00:30
1/19/93	1705	1.82E+02	0:00:30	1/22/93	1422	2.13E+02	0:00:30
1/19/93	1706	2.18E+02	0:00:30	1/22/93	1422	1.99E+02	0:00:30
1/19/93	1706	1.96E+02	0:00:30	1/22/93	1423	1.74E+02	0:00:30
1/20/93	817	2.25E+02	0:00:30	1/22/93	1423	1.67E+02	0:00:30
1/20/93	817	1.67E+02	0:00:30	1/22/93	1424	1.84E+02	0:00:30
1/20/93	818	1.84E+02	0:00:30	1/22/93	1424	2.11E+02	0:00:30
1/20/93	818	1.75E+02	0:00:30	1/22/93	1425	1.94E+02	0:00:30
1/20/93	819	1.98E+02	0:00:30	1/22/93	1549	1.82E+02	0:00:30
1/20/93	938	2.08E+02	0:00:30	1/22/93	1549	1.91E+02	0:00:30
1/20/93	939	4.06E+02	0:00:30	1/22/93	1550	1.75E+02	0:00:30
1/20/93	939	3.61E+02	0:00:30	1/22/93	1550	2.08E+02	0:00:30
1/20/93	940	3.11E+02	0:00:30	1/22/93	1551	1.96E+02	0:00:30
1/20/93	940	2.66E+02	0:00:30	1/22/93	1552	2.10E+02	0:00:30
1/20/93	941	1.99E+02	0:00:30	1/22/93	1552	1.74E+02	0:00:30
1/20/93	941	1.94E+02	0:00:30	1/22/93	1553	1.68E+02	0:00:30
1/20/93	942	2.01E+02	0:00:30	1/22/93	1553	1.77E+02	0:00:30

ESPSUM.XLS

1/22/93	1554	1.62E+02	0:00:30	2/11/92	850	1.68E+02	0:00:30
1/22/93	1554	2.20E+02	0:00:30	2/11/92	851	1.92E+02	0:00:30
1/22/93	1555	1.68E+02	0:00:30	2/11/92	851	2.25E+02	0:00:30
1/22/93	1646	1.80E+02	0:00:30	2/11/92	852	2.23E+02	0:00:30
1/22/93	1647	2.04E+02	0:00:30	2/11/92	852	1.67E+02	0:00:30
1/22/93	1647	1.53E+02	0:00:30	2/11/92	1012	1.58E+02	0:00:30
1/22/93	1648	1.75E+02	0:00:30	2/11/92	1012	1.72E+02	0:00:30
1/22/93	1648	1.80E+02	0:00:30	2/11/92	1013	1.82E+02	0:00:30
1/22/93	1649	1.82E+02	0:00:30	2/11/92	1013	1.94E+02	0:00:30
1/22/93	1650	1.82E+02	0:00:30	2/11/92	1014	1.94E+02	0:00:30
1/22/93	1650	2.16E+02	0:00:30	2/11/92	1014	3.18E+02	0:00:30
1/22/93	1651	1.91E+02	0:00:30	2/11/92	1015	2.80E+02	0:00:30
1/22/93	1651	1.99E+02	0:00:30	2/11/92	1015	1.84E+02	0:00:30
1/22/93	1652	1.91E+02	0:00:30	2/11/92	1016	1.82E+02	0:00:30
1/23/93	852	2.34E+02	0:00:30	2/11/92	1157	1.79E+02	0:00:30
1/23/93	852	1.86E+02	0:00:30	2/11/92	1157	1.96E+02	0:00:30
1/23/93	853	1.92E+02	0:00:30	2/11/92	1158	1.98E+02	0:00:30
1/23/93	853	1.55E+02	0:00:30	2/11/92	1158	1.84E+02	0:00:30
1/23/93	854	2.01E+02	0:00:30	2/11/92	1159	2.01E+02	0:00:30
1/23/93	854	1.58E+02	0:00:30	2/11/92	1159	2.04E+02	0:00:30
1/23/93	855	1.72E+02	0:00:30	2/11/92	1200	2.29E+02	0:00:30
1/23/93	924	1.75E+02	0:00:30	2/11/92	1200	2.23E+02	0:00:30
1/23/93	924	1.65E+02	0:00:30	2/11/92	1201	2.10E+02	0:00:30
1/23/93	925	1.63E+02	0:00:30	2/11/92	1320	2.01E+02	0:00:30
1/23/93	925	1.96E+02	0:00:30	2/11/92	1321	1.91E+02	0:00:30
1/23/93	926	1.92E+02	0:00:30	2/11/92	1321	2.29E+02	0:00:30
1/23/93	926	2.15E+02	0:00:30	2/11/92	1322	2.30E+02	0:00:30
1/23/93	1022	1.77E+02	0:00:30	2/11/92	1322	2.25E+02	0:00:30
1/23/93	1022	2.01E+02	0:00:30	2/11/92	1323	1.98E+02	0:00:30
1/23/93	1023	1.55E+02	0:00:30	2/11/92	1323	1.96E+02	0:00:30
1/23/93	1023	1.56E+02	0:00:30	2/11/92	1324	2.97E+02	0:00:30
1/23/93	1024	1.84E+02	0:00:30	2/11/92	1325	2.06E+02	0:00:30
1/23/93	1024	1.63E+02	0:00:30	2/11/92	1325	2.18E+02	0:00:30
1/23/93	1025	1.98E+02	0:00:30	2/11/92	1326	2.66E+02	0:00:30
1/23/93	1025	1.94E+02	0:00:30	2/11/92	1326	2.20E+02	0:00:30
1/23/93	1026	1.80E+02	0:00:30	2/11/92	1434	1.92E+02	0:00:30
1/23/93	1026	1.70E+02	0:00:30	2/11/92	1434	2.01E+02	0:00:30
1/23/93	1027	1.82E+02	0:00:30	2/11/92	1435	1.60E+02	0:00:30
1/23/93	1027	1.84E+02	0:00:30	2/11/92	1436	2.16E+02	0:00:30
1/23/93	1238	1.82E+02	0:00:30	2/11/92	1436	1.94E+02	0:00:30
1/23/93	1239	1.60E+02	0:00:30	2/11/92	1515	1.96E+02	0:00:30
1/23/93	1239	1.84E+02	0:00:30	2/11/92	1515	1.72E+02	0:00:30
1/23/93	1240	1.77E+02	0:00:30	2/11/92	1516	1.68E+02	0:00:30
2/11/92	826	2.18E+02	0:00:30	2/11/92	1517	1.74E+02	0:00:30
2/11/92	827	1.82E+02	0:00:30	2/11/92	1517	1.79E+02	0:00:30
2/11/92	827	1.84E+02	0:00:30	2/11/92	1518	1.89E+02	0:00:30
2/11/92	828	1.94E+02	0:00:30	2/11/92	1518	1.56E+02	0:00:30
2/11/92	828	1.87E+02	0:00:30	2/11/92	1519	2.13E+02	0:00:30
2/11/92	850	1.72E+02	0:00:30	2/11/92	1519	2.41E+02	0:00:30

ESPSUM.XLS

2/11/92	1520	1.91E+02	0:00:30	2/15/92	1229	1.80E+02	0:00:30
2/11/92	1520	1.98E+02	0:00:30	2/15/92	1310	2.06E+02	0:00:30
2/11/92	1521	1.89E+02	0:00:30	2/15/92	1311	1.75E+02	0:00:30
2/12/92	802	4.79E+02	0:00:30	2/15/92	1312	1.89E+02	0:00:30
2/12/92	825	1.55E+02	0:00:30	2/15/92	1312	1.80E+02	0:00:30
2/12/92	825	1.86E+02	0:00:30	2/15/92	1313	1.67E+02	0:00:30
2/12/92	954	2.08E+02	0:00:30	2/15/92	1313	1.46E+02	0:00:30
2/12/92	955	1.99E+02	0:00:30	2/15/92	1403	1.56E+02	0:00:30
2/12/92	955	1.92E+02	0:00:30	2/15/92	1404	1.55E+02	0:00:30
2/12/92	956	1.68E+02	0:00:30	2/15/92	1405	1.75E+02	0:00:30
2/12/92	956	1.91E+02	0:00:30	2/15/92	1405	1.84E+02	0:00:30
2/12/92	957	1.74E+02	0:00:30	2/15/92	1406	1.68E+02	0:00:30
2/12/92	957	2.27E+02	0:00:30	2/15/92	1406	1.96E+02	0:00:30
2/12/92	1555	2.06E+02	0:00:30	2/15/92	1444	1.79E+02	0:00:30
2/12/92	1556	1.91E+02	0:00:30	2/15/92	1445	1.87E+02	0:00:30
2/12/92	1557	1.75E+02	0:00:30	2/15/92	1445	1.60E+02	0:00:30
2/12/92	1557	1.99E+02	0:00:30	2/15/92	1446	2.01E+02	0:00:30
2/12/92	1558	1.74E+02	0:00:30	2/15/92	1447	1.96E+02	0:00:30
2/12/92	1657	2.03E+02	0:00:30	2/15/92	1447	1.34E+02	0:00:30
2/12/92	1658	1.75E+02	0:00:30	2/15/92	1448	1.62E+02	0:00:30
2/12/92	1658	1.51E+02	0:00:30	2/15/92	1557	1.79E+02	0:00:30
2/12/92	1659	1.55E+02	0:00:30	2/15/92	1558	1.65E+02	0:00:30
2/13/92	1022	1.94E+02	0:00:30	2/15/92	1558	2.10E+02	0:00:30
2/13/92	1023	1.67E+02	0:00:30	2/15/92	1559	1.79E+02	0:00:30
2/13/92	1023	1.98E+02	0:00:30	2/15/92	1559	1.86E+02	0:00:30
2/13/92	1024	1.98E+02	0:00:30	2/15/92	1600	1.92E+02	0:00:30
2/13/92	1024	1.65E+02	0:00:30	2/15/92	1655	1.53E+02	0:00:30
2/13/92	1025	1.87E+02	0:00:30	2/15/92	1655	1.91E+02	0:00:30
2/13/92	1252	2.13E+02	0:00:30	2/15/92	1656	2.16E+02	0:00:30
2/13/92	1252	1.63E+02	0:00:30	2/15/92	1656	2.29E+02	0:00:30
2/13/92	1253	1.62E+02	0:00:30	2/15/92	1657	2.22E+02	0:00:30
2/13/92	1254	1.41E+02	0:00:30	2/16/93	801	2.08E+02	0:00:30
2/13/92	1359	1.72E+02	0:00:30	2/16/93	801	1.79E+02	0:00:30
2/13/92	1400	1.99E+02	0:00:30	2/16/93	802	2.18E+02	0:00:30
2/13/92	1400	1.80E+02	0:00:30	2/16/93	802	1.92E+02	0:00:30
2/13/92	1401	2.01E+02	0:00:30	2/16/93	803	1.87E+02	0:00:30
2/13/92	1401	1.72E+02	0:00:30	2/16/93	900	1.67E+02	0:00:30
2/13/92	1402	1.36E+02	0:00:30	2/16/93	901	1.84E+02	0:00:30
2/15/92	1002	1.60E+02	0:00:30	2/16/93	901	2.15E+02	0:00:30
2/15/92	1003	1.60E+02	0:00:30	2/16/93	902	2.22E+02	0:00:30
2/15/92	1003	1.60E+02	0:00:30	2/16/93	902	2.04E+02	0:00:30
2/15/92	1004	1.60E+02	0:00:30	2/16/93	944	1.80E+02	0:00:30
2/15/92	1004	1.67E+02	0:00:30	2/16/93	945	2.22E+02	0:00:30
2/15/92	1005	1.74E+02	0:00:30	2/16/93	945	2.08E+02	0:00:30
2/15/92	1226	4.38E+02	0:00:30	2/16/93	946	2.16E+02	0:00:30
2/15/92	1227	1.13E+02	0:00:30	2/16/93	946	2.16E+02	0:00:30
2/15/92	1227	1.49E+02	0:00:30	2/16/93	947	1.84E+02	0:00:30
2/15/92	1228	1.70E+02	0:00:30	2/16/93	1205	1.96E+02	0:00:30
2/15/92	1228	1.63E+02	0:00:30	2/16/93	1205	1.89E+02	0:00:30

ESPSUM.XLS

2/16/93	1206	1.89E+02	0:00:30	2/17/93	745	2.04E+02	0:00:30
2/16/93	1207	1.68E+02	0:00:30	2/17/93	846	1.74E+02	0:00:30
2/16/93	1207	1.75E+02	0:00:30	2/17/93	847	2.11E+02	0:00:30
2/16/93	1208	2.03E+02	0:00:30	2/17/93	847	2.03E+02	0:00:30
2/16/93	1208	2.39E+02	0:00:30	2/17/93	848	2.16E+02	0:00:30
2/16/93	1209	1.94E+02	0:00:30	2/17/93	848	1.63E+02	0:00:30
2/16/93	1209	1.96E+02	0:00:30	2/17/93	1005	1.65E+02	0:00:30
2/16/93	1210	2.53E+02	0:00:30	2/17/93	1005	1.82E+02	0:00:30
2/16/93	1210	2.03E+02	0:00:30	2/17/93	1006	2.27E+02	0:00:30
2/16/93	1307	1.84E+02	0:00:30	2/17/93	1006	2.25E+02	0:00:30
2/16/93	1307	1.91E+02	0:00:30	2/17/93	1007	2.10E+02	0:00:30
2/16/93	1308	1.65E+02	0:00:30	2/17/93	1008	2.06E+02	0:00:30
2/16/93	1308	1.68E+02	0:00:30	2/17/93	1042	2.22E+02	0:00:30
2/16/93	1309	1.84E+02	0:00:30	2/17/93	1043	1.51E+02	0:00:30
2/16/93	1309	2.20E+02	0:00:30	2/17/93	1043	1.70E+02	0:00:30
2/16/93	1310	2.08E+02	0:00:30	2/17/93	1044	1.79E+02	0:00:30
2/16/93	1310	1.65E+02	0:00:30	2/17/93	1045	2.18E+02	0:00:30
2/16/93	1311	2.22E+02	0:00:30	2/17/93	1046	1.79E+02	0:00:30
2/16/93	1402	2.15E+02	0:00:30	2/17/93	1046	1.91E+02	0:00:30
2/16/93	1402	1.67E+02	0:00:30	2/17/93	1154	1.92E+02	0:00:30
2/16/93	1403	1.98E+02	0:00:30	2/17/93	1155	2.04E+02	0:00:30
2/16/93	1403	1.79E+02	0:00:30	2/17/93	1155	2.23E+02	0:00:30
2/16/93	1404	2.16E+02	0:00:30	2/17/93	1156	2.06E+02	0:00:30
2/16/93	1405	1.91E+02	0:00:30	2/17/93	1156	1.68E+02	0:00:30
2/16/93	1405	2.29E+02	0:00:30	2/17/93	1157	1.86E+02	0:00:30
2/16/93	1406	1.87E+02	0:00:30	2/17/93	1157	2.13E+02	0:00:30
2/16/93	1406	2.15E+02	0:00:30	2/17/93	1158	2.13E+02	0:00:30
2/16/93	1456	1.92E+02	0:00:30	2/17/93	1158	1.96E+02	0:00:30
2/16/93	1456	2.03E+02	0:00:30	2/17/93	1243	1.74E+02	0:00:30
2/16/93	1457	1.68E+02	0:00:30	2/17/93	1244	1.92E+02	0:00:30
2/16/93	1457	1.89E+02	0:00:30	2/17/93	1245	1.77E+02	0:00:30
2/16/93	1458	1.92E+02	0:00:30	2/17/93	1245	2.16E+02	0:00:30
2/16/93	1458	1.82E+02	0:00:30	2/17/93	1246	1.79E+02	0:00:30
2/16/93	1459	2.03E+02	0:00:30	2/17/93	1247	2.06E+02	0:00:30
2/16/93	1459	2.22E+02	0:00:30	2/17/93	1247	2.35E+02	0:00:30
2/16/93	1500	2.10E+02	0:00:30	2/17/93	1248	1.65E+02	0:00:30
2/16/93	1500	1.75E+02	0:00:30	2/17/93	1248	2.18E+02	0:00:30
2/16/93	1612	1.84E+02	0:00:30	2/17/93	1249	2.01E+02	0:00:30
2/16/93	1612	1.91E+02	0:00:30	2/17/93	1249	2.10E+02	0:00:30
2/16/93	1613	2.13E+02	0:00:30	2/17/93	1250	1.89E+02	0:00:30
2/16/93	1613	2.06E+02	0:00:30	2/17/93	1250	1.79E+02	0:00:30
2/16/93	1614	1.67E+02	0:00:30	2/17/93	1251	1.99E+02	0:00:30
2/16/93	1614	1.79E+02	0:00:30	2/17/93	1251	1.80E+02	0:00:30
2/16/93	1615	2.11E+02	0:00:30	2/17/93	1347	2.01E+02	0:00:30
2/16/93	1616	1.67E+02	0:00:30	2/17/93	1348	1.86E+02	0:00:30
2/17/93	743	1.86E+02	0:00:30	2/17/93	1349	2.08E+02	0:00:30
2/17/93	744	1.67E+02	0:00:30	2/17/93	1349	1.82E+02	0:00:30
2/17/93	744	2.51E+02	0:00:30	2/17/93	1350	2.06E+02	0:00:30
2/17/93	745	2.10E+02	0:00:30	2/17/93	1350	2.04E+02	0:00:30

ESPSUM.XLS

2/17/93	1351	2.15E+02	0:00:30	3/23/93	1250	1.84E+02	0:00:30
2/17/93	1351	2.11E+02	0:00:30	3/23/93	1251	1.67E+02	0:00:30
2/17/93	1508	2.13E+02	0:00:30	3/23/93	1252	1.47E+02	0:00:30
2/17/93	1509	1.77E+02	0:00:30	3/23/93	1252	1.60E+02	0:00:30
2/17/93	1509	2.16E+02	0:00:30	3/23/93	1253	1.79E+02	0:00:30
2/17/93	1510	1.94E+02	0:00:30	3/23/93	1401	1.72E+02	0:00:30
2/17/93	1511	2.18E+02	0:00:30	3/23/93	1402	1.65E+02	0:00:30
2/17/93	1511	2.04E+02	0:00:30	3/23/93	1402	2.02E+02	0:00:30
2/17/93	1512	2.23E+02	0:00:30	3/23/93	1403	1.81E+02	0:00:30
2/17/93	1550	1.36E+02	0:00:30	3/23/93	1403	1.79E+02	0:00:30
2/17/93	1550	2.06E+02	0:00:30	3/23/93	1404	2.16E+02	0:00:30
2/17/93	1551	1.39E+02	0:00:30	3/23/93	1405	1.93E+02	0:00:30
2/17/93	1551	2.16E+02	0:00:30	3/23/93	1405	1.37E+02	0:00:30
2/17/93	1552	2.25E+02	0:00:30	3/23/93	1406	1.86E+02	0:00:30
2/17/93	1552	2.15E+02	0:00:30	3/23/93	1425	2.21E+02	0:00:30
2/17/93	1701	1.82E+02	0:00:30	3/23/93	1425	1.84E+02	0:00:30
2/17/93	1702	2.37E+02	0:00:30	3/23/93	1426	1.88E+02	0:00:30
2/17/93	1702	2.20E+02	0:00:30	3/23/93	1426	1.74E+02	0:00:30
2/17/93	1703	1.91E+02	0:00:30	3/23/93	1427	1.86E+02	0:00:30
2/17/93	1703	1.82E+02	0:00:30	3/23/93	1427	2.33E+02	0:00:30
2/17/93	1704	2.22E+02	0:00:30	3/23/93	1517	1.98E+02	0:00:30
2/17/93	1704	1.87E+02	0:00:30	3/23/93	1518	1.63E+02	0:00:30
3/23/93	803	1.53E+02	0:00:30	3/23/93	1518	1.65E+02	0:00:30
3/23/93	804	1.51E+02	0:00:30	3/23/93	1519	1.58E+02	0:00:30
3/23/93	804	2.05E+02	0:00:30	3/23/93	1520	1.72E+02	0:00:30
3/23/93	805	2.05E+02	0:00:30	3/23/93	1520	2.02E+02	0:00:30
3/23/93	907	1.67E+02	0:00:30	3/23/93	1521	1.68E+02	0:00:30
3/23/93	908	1.46E+02	0:00:30	3/23/93	1521	1.61E+02	0:00:30
3/23/93	908	1.81E+02	0:00:30	3/23/93	1522	1.75E+02	0:00:30
3/23/93	909	1.84E+02	0:00:30	3/23/93	1608	1.67E+02	0:00:30
3/23/93	909	1.98E+02	0:00:30	3/23/93	1608	1.91E+02	0:00:30
3/23/93	1033	1.49E+02	0:00:30	3/23/93	1609	1.74E+02	0:00:30
3/23/93	1033	1.63E+02	0:00:30	3/23/93	1609	2.09E+02	0:00:30
3/23/93	1034	1.42E+02	0:00:30	3/23/93	1610	2.07E+02	0:00:30
3/23/93	1034	1.60E+02	0:00:30	3/23/93	1610	2.04E+02	0:00:30
3/23/93	1035	2.02E+02	0:00:30	3/23/93	1611	1.67E+02	0:00:30
3/23/93	1035	2.11E+02	0:00:30	3/24/93	1305	1.77E+02	0:00:30
3/23/93	1036	1.63E+02	0:00:30	3/24/93	1306	1.75E+02	0:00:30
3/23/93	1201	1.93E+02	0:00:30	3/24/93	1306	1.46E+02	0:00:30
3/23/93	1202	1.67E+02	0:00:30	3/24/93	1421	1.60E+02	0:00:30
3/23/93	1202	1.63E+02	0:00:30	3/24/93	1422	1.75E+02	0:00:30
3/23/93	1203	1.67E+02	0:00:30	3/24/93	1422	1.65E+02	0:00:30
3/23/93	1203	1.70E+02	0:00:30	3/24/93	1423	1.67E+02	0:00:30
3/23/93	1204	1.72E+02	0:00:30	3/24/93	1423	1.60E+02	0:00:30
3/23/93	1248	1.96E+02	0:00:30	3/24/93	1540	1.54E+02	0:00:30
3/23/93	1248	1.54E+02	0:00:30	3/24/93	1540	1.70E+02	0:00:30
3/23/93	1249	1.89E+02	0:00:30	3/24/93	1541	1.84E+02	0:00:30
3/23/93	1249	1.82E+02	0:00:30	3/24/93	1639	1.79E+02	0:00:30
3/23/93	1250	1.70E+02	0:00:30	3/24/93	1639	1.93E+02	0:00:30

ESPSUM.XLS

3/24/93	1640	1.84E+02	0:00:30	3/26/93	932	1.58E+02	0:00:30
3/24/93	1641	1.95E+02	0:00:30	3/26/93	1304	1.82E+02	0:00:30
3/25/93	756	2.12E+02	0:00:30	3/26/93	1304	1.67E+02	0:00:30
3/25/93	757	1.44E+02	0:00:30	3/26/93	1305	1.82E+02	0:00:30
3/25/93	757	1.60E+02	0:00:30	3/26/93	1305	1.60E+02	0:00:30
3/25/93	758	2.18E+02	0:00:30	3/26/93	1306	1.95E+02	0:00:30
3/25/93	758	1.84E+02	0:00:30	3/26/93	1319	1.84E+02	0:00:30
3/25/93	906	1.84E+02	0:00:30	3/26/93	1320	1.33E+02	0:00:30
3/25/93	906	1.56E+02	0:00:30	3/26/93	1321	1.72E+02	0:00:30
3/25/93	907	1.60E+02	0:00:30	3/26/93	1321	1.63E+02	0:00:30
3/25/93	907	2.07E+02	0:00:30	3/26/93	1345	2.00E+02	0:00:30
3/25/93	908	1.63E+02	0:00:30	3/26/93	1345	1.63E+02	0:00:30
3/25/93	908	2.18E+02	0:00:30	3/26/93	1346	1.93E+02	0:00:30
3/25/93	1011	1.81E+02	0:00:30	3/26/93	1505	1.96E+02	0:00:30
3/25/93	1012	1.58E+02	0:00:30	3/26/93	1505	1.67E+02	0:00:30
3/25/93	1012	2.00E+02	0:00:30	3/26/93	1506	1.82E+02	0:00:30
3/25/93	1013	2.07E+02	0:00:30	3/26/93	1507	1.74E+02	0:00:30
3/25/93	1210	1.67E+02	0:00:30	3/26/93	1507	1.63E+02	0:00:30
3/25/93	1211	1.44E+02	0:00:30	3/26/93	1508	1.32E+02	0:00:30
3/25/93	1211	1.70E+02	0:00:30	3/26/93	1508	1.53E+02	0:00:30
3/25/93	1213	1.98E+02	0:00:30	3/26/93	1540	1.91E+02	0:00:30
3/25/93	1213	1.72E+02	0:00:30	3/26/93	1541	1.75E+02	0:00:30
3/25/93	1214	2.02E+02	0:00:30	3/26/93	1541	1.79E+02	0:00:30
3/25/93	1215	1.74E+02	0:00:30	3/26/93	1542	1.95E+02	0:00:30
3/25/93	1215	1.42E+02	0:00:30	3/26/93	1542	1.75E+02	0:00:30
3/25/93	1216	1.53E+02	0:00:30	3/26/93	1543	1.67E+02	0:00:30
3/25/93	1216	1.70E+02	0:00:30	3/27/93	849	1.70E+02	0:00:30
3/25/93	1217	1.61E+02	0:00:30	3/27/93	849	1.53E+02	0:00:30
3/25/93	1217	1.86E+02	0:00:30	3/27/93	850	1.68E+02	0:00:30
3/25/93	1336	1.89E+02	0:00:30	3/27/93	850	1.77E+02	0:00:30
3/25/93	1336	1.82E+02	0:00:30	3/27/93	851	1.88E+02	0:00:30
3/25/93	1337	1.63E+02	0:00:30	3/27/93	851	2.02E+02	0:00:30
3/25/93	1337	1.84E+02	0:00:30	3/27/93	852	2.07E+02	0:00:30
3/25/93	1338	2.05E+02	0:00:30	3/27/93	913	1.54E+02	0:00:30
3/25/93	1459	1.82E+02	0:00:30	3/27/93	914	1.60E+02	0:00:30
3/25/93	1500	1.86E+02	0:00:30	3/27/93	915	1.82E+02	0:00:30
3/25/93	1500	1.49E+02	0:00:30	3/27/93	915	1.75E+02	0:00:30
3/25/93	1501	1.61E+02	0:00:30	3/27/93	916	1.86E+02	0:00:30
3/25/93	1501	1.65E+02	0:00:30	3/27/93	916	1.68E+02	0:00:30
3/25/93	1502	2.02E+02	0:00:30	3/27/93	1004	1.84E+02	0:00:30
3/25/93	1600	1.46E+02	0:00:30	3/27/93	1005	2.00E+02	0:00:30
3/25/93	1600	1.65E+02	0:00:30	3/27/93	1005	1.60E+02	0:00:30
3/26/93	850	1.65E+02	0:00:30	3/27/93	1006	1.91E+02	0:00:30
3/26/93	851	1.58E+02	0:00:30	3/27/93	1006	2.14E+02	0:00:30
3/26/93	851	1.61E+02	0:00:30	3/27/93	1037	2.68E+02	0:00:30
3/26/93	852	1.75E+02	0:00:30	3/27/93	1037	1.84E+02	0:00:30
3/26/93	931	1.72E+02	0:00:30	3/27/93	1038	1.84E+02	0:00:30
3/26/93	931	1.56E+02	0:00:30	3/27/93	1038	1.63E+02	0:00:30
3/26/93	932	1.51E+02	0:00:30	3/27/93	1216	1.54E+02	0:00:30

ESPSUM.XLS

3/27/93	1217	1.60E+02	0:00:30	3/30/93	1159	1.72E+02	0:00:30
3/27/93	1217	2.07E+02	0:00:30	3/30/93	1200	1.54E+02	0:00:30
3/27/93	1218	2.02E+02	0:00:30	3/30/93	1200	1.84E+02	0:00:30
3/27/93	1218	1.56E+02	0:00:30	3/30/93	1201	1.47E+02	0:00:30
3/27/93	1335	1.98E+02	0:00:30	3/30/93	1248	1.98E+02	0:00:30
3/27/93	1336	1.67E+02	0:00:30	3/30/93	1248	1.98E+02	0:00:30
3/27/93	1336	1.95E+02	0:00:30	3/30/93	1249	1.81E+02	0:00:30
3/27/93	1337	1.68E+02	0:00:30	3/30/93	1249	1.61E+02	0:00:30
3/27/93	1338	1.68E+02	0:00:30	3/30/93	1250	1.77E+02	0:00:30
3/29/93	745	1.82E+02	0:00:30	3/30/93	1250	1.68E+02	0:00:30
3/29/93	746	1.74E+02	0:00:30	3/30/93	1356	2.11E+02	0:00:30
3/29/93	747	1.60E+02	0:00:30	3/30/93	1356	2.02E+02	0:00:30
3/29/93	833	1.58E+02	0:00:30	3/30/93	1357	1.93E+02	0:00:30
3/29/93	833	1.74E+02	0:00:30	3/30/93	1357	1.77E+02	0:00:30
3/29/93	834	2.09E+02	0:00:30	3/30/93	1358	1.79E+02	0:00:30
3/29/93	835	1.56E+02	0:00:30	3/30/93	1450	1.74E+02	0:00:30
3/29/93	835	1.74E+02	0:00:30	3/30/93	1451	2.21E+02	0:00:30
3/29/93	836	1.67E+02	0:00:30	3/30/93	1451	1.58E+02	0:00:30
3/29/93	949	1.72E+02	0:00:30	3/30/93	1452	1.51E+02	0:00:30
3/29/93	950	1.58E+02	0:00:30	3/30/93	1452	2.02E+02	0:00:30
3/29/93	950	1.67E+02	0:00:30	3/30/93	1453	1.98E+02	0:00:30
3/29/93	951	1.82E+02	0:00:30	3/30/93	1610	1.68E+02	0:00:30
3/29/93	951	2.07E+02	0:00:30	3/30/93	1610	1.79E+02	0:00:30
3/29/93	1334	1.84E+02	0:00:30	3/30/93	1611	1.79E+02	0:00:30
3/29/93	1334	1.84E+02	0:00:30	3/31/93	808	2.23E+02	0:00:30
3/29/93	1335	1.58E+02	0:00:30	3/31/93	808	1.86E+02	0:00:30
3/29/93	1534	1.88E+02	0:00:30	3/31/93	809	2.30E+02	0:00:30
3/29/93	1535	1.77E+02	0:00:30	3/31/93	809	1.63E+02	0:00:30
3/29/93	1535	2.16E+02	0:00:30	3/31/93	810	1.56E+02	0:00:30
3/29/93	1536	1.61E+02	0:00:30	3/31/93	810	3.47E+02	0:00:30
3/29/93	1536	1.91E+02	0:00:30	3/31/93	811	2.44E+02	0:00:30
3/29/93	1537	1.74E+02	0:00:30	3/31/93	811	2.26E+02	0:00:30
3/29/93	1537	2.04E+02	0:00:30	3/31/93	812	2.42E+02	0:00:30
3/30/93	757	1.93E+02	0:00:30	3/31/93	813	2.18E+02	0:00:30
3/30/93	757	1.65E+02	0:00:30	3/31/93	1213	1.79E+02	0:00:30
3/30/93	758	2.40E+02	0:00:30	3/31/93	1213	1.68E+02	0:00:30
3/30/93	758	2.30E+02	0:00:30	3/31/93	1214	1.67E+02	0:00:30
3/30/93	759	1.96E+02	0:00:30	3/31/93	1214	1.86E+02	0:00:30
3/30/93	900	1.53E+02	0:00:30	3/31/93	1327	1.82E+02	0:00:30
3/30/93	901	1.89E+02	0:00:30	3/31/93	1327	1.58E+02	0:00:30
3/30/93	901	1.60E+02	0:00:30	3/31/93	1328	1.54E+02	0:00:30
3/30/93	902	1.79E+02	0:00:30	3/31/93	1328	1.98E+02	0:00:30
3/30/93	903	1.86E+02	0:00:30	3/31/93	1329	1.77E+02	0:00:30
3/30/93	903	1.88E+02	0:00:30	3/31/93	1359	1.77E+02	0:00:30
3/30/93	944	1.79E+02	0:00:30	3/31/93	1359	1.51E+02	0:00:30
3/30/93	945	1.79E+02	0:00:30	3/31/93	1400	1.54E+02	0:00:30
3/30/93	946	1.72E+02	0:00:30	3/31/93	1400	1.63E+02	0:00:30
3/30/93	946	1.89E+02	0:00:30	3/31/93	1401	1.67E+02	0:00:30
3/30/93	1159	1.21E+02	0:00:30	3/31/93	1401	1.56E+02	0:00:30

ESPSUM.XLS

3/31/93	1402	1.81E+02	0:00:30	4/2/93	958	1.89E+02	0:00:30
3/31/93	1442	1.75E+02	0:00:30	4/2/93	958	1.82E+02	0:00:30
3/31/93	1442	1.75E+02	0:00:30	4/2/93	959	1.82E+02	0:00:30
3/31/93	1443	1.72E+02	0:00:30	4/2/93	959	1.51E+02	0:00:30
3/31/93	1444	2.05E+02	0:00:30	4/2/93	1000	1.77E+02	0:00:30
3/31/93	1444	1.81E+02	0:00:30	4/2/93	1104	1.51E+02	0:00:30
3/31/93	1445	1.63E+02	0:00:30	4/2/93	1105	1.60E+02	0:00:30
4/1/93	753	1.72E+02	0:00:30	4/2/93	1106	1.65E+02	0:00:30
4/1/93	753	1.81E+02	0:00:30	4/2/93	1106	2.07E+02	0:00:30
4/1/93	754	1.95E+02	0:00:30	4/2/93	1107	1.68E+02	0:00:30
4/1/93	754	2.21E+02	0:00:30	4/2/93	1107	1.72E+02	0:00:30
4/1/93	846	1.51E+02	0:00:30	4/2/93	1108	1.33E+02	0:00:30
4/1/93	847	1.98E+02	0:00:30	4/3/93	850	1.47E+02	0:00:30
4/1/93	847	1.89E+02	0:00:30	4/3/93	851	1.95E+02	0:00:30
4/1/93	848	2.00E+02	0:00:30	4/3/93	851	1.67E+02	0:00:30
4/1/93	848	1.77E+02	0:00:30	4/3/93	852	2.18E+02	0:00:30
4/1/93	911	2.00E+02	0:00:30	4/3/93	852	1.88E+02	0:00:30
4/1/93	911	1.82E+02	0:00:30	4/3/93	853	1.91E+02	0:00:30
4/1/93	1019	1.98E+02	0:00:30	4/3/93	953	1.51E+02	0:00:30
4/1/93	1019	1.89E+02	0:00:30	4/3/93	953	1.63E+02	0:00:30
4/1/93	1020	1.82E+02	0:00:30	4/3/93	954	1.91E+02	0:00:30
4/1/93	1021	1.44E+02	0:00:30	4/3/93	954	1.67E+02	0:00:30
4/1/93	1021	2.09E+02	0:00:30	4/3/93	955	1.63E+02	0:00:30
4/1/93	1022	1.54E+02	0:00:30	4/3/93	955	1.65E+02	0:00:30
4/1/93	1249	2.14E+02	0:00:30	4/3/93	956	1.77E+02	0:00:30
4/1/93	1249	1.86E+02	0:00:30	4/3/93	956	2.19E+02	0:00:30
4/1/93	1250	1.82E+02	0:00:30	4/3/93	957	1.96E+02	0:00:30
4/1/93	1444	2.04E+02	0:00:30	4/3/93	1019	1.82E+02	0:00:30
4/1/93	1444	1.75E+02	0:00:30	4/3/93	1020	1.75E+02	0:00:30
4/1/93	1445	1.54E+02	0:00:30	4/3/93	1021	1.60E+02	0:00:30
4/1/93	1445	2.18E+02	0:00:30	4/3/93	1021	1.70E+02	0:00:30
4/1/93	1545	1.77E+02	0:00:30	4/3/93	1022	1.77E+02	0:00:30
4/1/93	1545	1.82E+02	0:00:30	4/3/93	1022	2.05E+02	0:00:30
4/1/93	1546	1.51E+02	0:00:30	4/3/93	1200	2.11E+02	0:00:30
4/1/93	1546	1.88E+02	0:00:30	4/3/93	1201	2.30E+02	0:00:30
4/1/93	1547	1.91E+02	0:00:30	4/3/93	1201	1.79E+02	0:00:30
4/1/93	1548	1.91E+02	0:00:30	4/3/93	1202	1.60E+02	0:00:30
4/1/93	1548	1.96E+02	0:00:30	4/3/93	1202	2.00E+02	0:00:30
4/2/93	807	2.11E+02	0:00:30	4/3/93	1203	1.89E+02	0:00:30
4/2/93	807	1.67E+02	0:00:30	4/3/93	1303	1.88E+02	0:00:30
4/2/93	808	1.40E+02	0:00:30	4/3/93	1303	1.60E+02	0:00:30
4/2/93	808	1.65E+02	0:00:30	4/3/93	1304	1.53E+02	0:00:30
4/2/93	809	1.60E+02	0:00:30	4/3/93	1304	1.86E+02	0:00:30
4/2/93	922	1.81E+02	0:00:30	4/3/93	1305	1.74E+02	0:00:30
4/2/93	922	1.93E+02	0:00:30	4/3/93	1305	1.72E+02	0:00:30
4/2/93	923	2.30E+02	0:00:30	4/3/93	1306	1.61E+02	0:00:30
4/2/93	923	1.79E+02	0:00:30	4/3/93	1408	1.70E+02	0:00:30
4/2/93	924	1.91E+02	0:00:30	4/3/93	1409	1.81E+02	0:00:30
4/2/93	957	1.58E+02	0:00:30	4/3/93	1409	1.84E+02	0:00:30

ESPSUM.XLS

4/3/93	1410	1.72E+02	0:00:30	4/6/93	957	2.05E+02	0:00:30
4/3/93	1410	1.68E+02	0:00:30	4/6/93	957	2.28E+02	0:00:30
4/5/93	739	1.95E+02	0:00:30	4/6/93	958	3.39E+02	0:00:30
4/5/93	740	1.63E+02	0:00:30	4/6/93	958	2.72E+02	0:00:30
4/5/93	740	2.00E+02	0:00:30	4/6/93	959	2.49E+02	0:00:30
4/5/93	741	1.72E+02	0:00:30	4/6/93	959	1.75E+02	0:00:30
4/5/93	912	1.86E+02	0:00:30	4/6/93	1000	2.21E+02	0:00:30
4/5/93	912	1.77E+02	0:00:30	4/6/93	1037	2.00E+02	0:00:30
4/5/93	913	1.79E+02	0:00:30	4/6/93	1037	2.16E+02	0:00:30
4/5/93	913	1.65E+02	0:00:30	4/6/93	1038	2.49E+02	0:00:30
4/5/93	914	2.07E+02	0:00:30	4/6/93	1038	2.07E+02	0:00:30
4/5/93	914	1.95E+02	0:00:30	4/6/93	1039	2.04E+02	0:00:30
4/5/93	934	1.49E+02	0:00:30	4/6/93	1039	2.25E+02	0:00:30
4/5/93	934	1.56E+02	0:00:30	4/6/93	1040	2.26E+02	0:00:30
4/5/93	935	1.65E+02	0:00:30	4/6/93	1040	2.79E+02	0:00:30
4/5/93	935	1.75E+02	0:00:30	4/6/93	1041	2.89E+02	0:00:30
4/5/93	936	1.91E+02	0:00:30	4/6/93	1227	1.84E+02	0:00:30
4/5/93	1141	1.75E+02	0:00:30	4/6/93	1228	2.09E+02	0:00:30
4/5/93	1142	1.86E+02	0:00:30	4/6/93	1228	2.02E+02	0:00:30
4/5/93	1142	2.05E+02	0:00:30	4/6/93	1229	1.98E+02	0:00:30
4/5/93	1143	1.67E+02	0:00:30	4/6/93	1230	1.77E+02	0:00:30
4/5/93	1143	2.12E+02	0:00:30	4/6/93	1230	2.04E+02	0:00:30
4/5/93	1144	2.04E+02	0:00:30	4/6/93	1337	2.00E+02	0:00:30
4/5/93	1258	2.00E+02	0:00:30	4/6/93	1337	2.14E+02	0:00:30
4/5/93	1258	1.58E+02	0:00:30	4/6/93	1338	2.54E+02	0:00:30
4/5/93	1259	2.09E+02	0:00:30	4/6/93	1338	2.11E+02	0:00:30
4/5/93	1259	1.56E+02	0:00:30	4/6/93	1426	1.98E+02	0:00:30
4/5/93	1300	1.65E+02	0:00:30	4/6/93	1427	2.14E+02	0:00:30
4/5/93	1300	2.18E+02	0:00:30	4/6/93	1427	2.30E+02	0:00:30
4/5/93	1301	2.00E+02	0:00:30	4/6/93	1545	2.14E+02	0:00:30
4/5/93	1302	2.11E+02	0:00:30	4/6/93	1546	2.28E+02	0:00:30
4/5/93	1342	1.88E+02	0:00:30	4/6/93	1546	1.91E+02	0:00:30
4/5/93	1342	2.14E+02	0:00:30	4/6/93	1547	2.00E+02	0:00:30
4/5/93	1343	1.93E+02	0:00:30	4/7/93	743	2.56E+02	0:00:30
4/5/93	1343	1.77E+02	0:00:30	4/7/93	743	2.39E+02	0:00:30
4/5/93	1344	2.07E+02	0:00:30	4/7/93	744	2.42E+02	0:00:30
4/5/93	1440	1.91E+02	0:00:30	4/7/93	846	1.95E+02	0:00:30
4/5/93	1440	2.25E+02	0:00:30	4/7/93	847	1.81E+02	0:00:30
4/5/93	1441	2.04E+02	0:00:30	4/7/93	847	1.72E+02	0:00:30
4/5/93	1442	2.09E+02	0:00:30	4/7/93	848	1.93E+02	0:00:30
4/5/93	1442	2.14E+02	0:00:30	4/7/93	848	2.05E+02	0:00:30
4/5/93	1443	2.02E+02	0:00:30	4/7/93	958	1.91E+02	0:00:30
4/5/93	1443	2.14E+02	0:00:30	4/7/93	959	2.19E+02	0:00:30
4/5/93	1444	2.32E+02	0:00:30	4/7/93	959	1.96E+02	0:00:30
4/5/93	1444	1.96E+02	0:00:30	4/7/93	1043	1.75E+02	0:00:30
4/6/93	845	2.26E+02	0:00:30	4/7/93	1044	1.93E+02	0:00:30
4/6/93	846	2.12E+02	0:00:30	4/7/93	1044	1.82E+02	0:00:30
4/6/93	846	1.81E+02	0:00:30	4/7/93	1235	2.09E+02	0:00:30
4/6/93	847	2.00E+02	0:00:30	4/7/93	1235	1.84E+02	0:00:30

ESPSUM.XLS

4/7/93	1236	1.95E+02	0:00:30	4/10/93	1342	1.88E+02	0:00:30
4/7/93	1236	2.16E+02	0:00:30	4/10/93	1343	1.72E+02	0:00:30
4/7/93	1237	2.33E+02	0:00:30	4/12/93	714	2.35E+02	0:00:30
4/7/93	1425	1.89E+02	0:00:30	4/12/93	715	2.47E+02	0:00:30
4/7/93	1425	2.19E+02	0:00:30	4/12/93	715	1.70E+02	0:00:30
4/7/93	1426	1.96E+02	0:00:30	4/12/93	904	1.88E+02	0:00:30
4/7/93	1426	1.53E+02	0:00:30	4/12/93	905	2.67E+02	0:00:30
4/7/93	1427	2.12E+02	0:00:30	4/12/93	932	2.28E+02	0:00:30
4/8/93	909	1.98E+02	0:00:30	4/12/93	933	2.16E+02	0:00:30
4/8/93	910	1.89E+02	0:00:30	4/12/93	933	1.63E+02	0:00:30
4/8/93	910	2.02E+02	0:00:30	4/12/93	1314	2.07E+02	0:00:30
4/8/93	911	1.67E+02	0:00:30	4/12/93	1315	2.30E+02	0:00:30
4/8/93	912	2.04E+02	0:00:30	4/12/93	1316	2.40E+02	0:00:30
4/8/93	1217	1.60E+02	0:00:30	4/12/93	1316	2.72E+02	0:00:30
4/8/93	1217	2.18E+02	0:00:30	4/12/93	1317	2.53E+02	0:00:30
4/8/93	1218	2.11E+02	0:00:30	4/12/93	1442	2.84E+02	0:00:30
4/8/93	1219	2.21E+02	0:00:30	4/12/93	1443	3.44E+02	0:00:30
4/8/93	1219	2.14E+02	0:00:30	4/12/93	1443	2.81E+02	0:00:30
4/8/93	1220	1.88E+02	0:00:30	4/12/93	1444	2.21E+02	0:00:30
4/8/93	1240	1.96E+02	0:00:30	4/12/93	1444	2.26E+02	0:00:30
4/8/93	1241	1.75E+02	0:00:30	4/12/93	1541	2.07E+02	0:00:30
4/8/93	1242	1.91E+02	0:00:30	4/12/93	1542	1.98E+02	0:00:30
4/8/93	1242	1.84E+02	0:00:30	4/12/93	1543	2.32E+02	0:00:30
4/8/93	1243	2.04E+02	0:00:30	4/12/93	1543	2.07E+02	0:00:30
4/8/93	1243	2.05E+02	0:00:30	4/13/93	807	3.70E+02	0:00:30
4/8/93	1442	2.28E+02	0:00:30	4/13/93	825	2.12E+02	0:00:30
4/8/93	1443	2.09E+02	0:00:30	4/13/93	826	2.18E+02	0:00:30
4/8/93	1444	2.42E+02	0:00:30	4/13/93	826	2.16E+02	0:00:30
4/10/93	820	1.84E+02	0:00:30	4/13/93	827	2.46E+02	0:00:30
4/10/93	821	2.09E+02	0:00:30	4/13/93	905	1.82E+02	0:00:30
4/10/93	821	1.46E+02	0:00:30	4/13/93	906	1.67E+02	0:00:30
4/10/93	822	1.72E+02	0:00:30	4/13/93	906	1.96E+02	0:00:30
4/10/93	958	1.67E+02	0:00:30	4/13/93	947	2.05E+02	0:00:30
4/10/93	958	1.77E+02	0:00:30	4/13/93	947	2.39E+02	0:00:30
4/10/93	959	1.89E+02	0:00:30	4/13/93	948	2.12E+02	0:00:30
4/10/93	1000	2.12E+02	0:00:30	4/13/93	948	2.16E+02	0:00:30
4/10/93	1000	2.09E+02	0:00:30	4/13/93	949	2.11E+02	0:00:30
4/10/93	1039	1.98E+02	0:00:30	4/13/93	1044	1.56E+02	0:00:30
4/10/93	1040	1.68E+02	0:00:30	4/13/93	1044	1.89E+02	0:00:30
4/10/93	1040	2.02E+02	0:00:30	4/13/93	1045	1.33E+02	0:00:30
4/10/93	1041	2.30E+02	0:00:30	4/13/93	1046	1.75E+02	0:00:30
4/10/93	1041	2.49E+02	0:00:30	4/13/93	1046	1.74E+02	0:00:30
4/10/93	1150	1.82E+02	0:00:30	4/13/93	1047	1.44E+02	0:00:30
4/10/93	1151	1.79E+02	0:00:30	4/13/93	1200	2.05E+02	0:00:30
4/10/93	1152	1.72E+02	0:00:30	4/13/93	1200	1.84E+02	0:00:30
4/10/93	1152	2.07E+02	0:00:30	4/13/93	1201	1.44E+02	0:00:30
4/10/93	1341	1.56E+02	0:00:30	4/13/93	1201	2.16E+02	0:00:30
4/10/93	1341	1.93E+02	0:00:30	4/13/93	1202	1.96E+02	0:00:30
4/10/93	1342	1.89E+02	0:00:30	4/13/93	1202	2.00E+02	0:00:30

ESPSUM.XLS

4/13/93	1319	1.82E+02	0:00:30	4/17/93	1029	1.93E+02	0:00:30
4/13/93	1320	2.21E+02	0:00:30	4/17/93	1154	1.98E+02	0:00:30
4/13/93	1320	1.51E+02	0:00:30	4/17/93	1155	1.84E+02	0:00:30
4/13/93	1321	2.02E+02	0:00:30	4/17/93	1155	2.35E+02	0:00:30
4/13/93	1321	3.05E+02	0:00:30	4/17/93	1156	2.33E+02	0:00:30
4/13/93	1322	2.30E+02	0:00:30	4/17/93	1434	2.19E+02	0:00:30
4/13/93	1435	2.07E+02	0:00:30	4/17/93	1434	2.53E+02	0:00:30
4/13/93	1435	1.75E+02	0:00:30	4/17/93	1435	2.07E+02	0:00:30
4/13/93	1436	2.19E+02	0:00:30	4/17/93	1435	2.26E+02	0:00:30
4/14/93	700	4.02E+02	0:00:30	4/17/93	1436	2.09E+02	0:00:30
4/14/93	1231	2.07E+02	0:00:30	4/17/93	1436	2.44E+02	0:00:30
4/14/93	1232	1.95E+02	0:00:30	4/19/93	806	2.21E+02	0:00:30
4/14/93	1316	1.79E+02	0:00:30	4/19/93	807	2.26E+02	0:00:30
4/14/93	1317	1.65E+02	0:00:30	4/19/93	808	2.12E+02	0:00:30
4/14/93	1317	2.00E+02	0:00:30	4/19/93	954	2.26E+02	0:00:30
4/14/93	1449	1.39E+02	0:00:30	4/19/93	955	2.60E+02	0:00:30
4/14/93	1450	1.89E+02	0:00:30	4/19/93	1148	2.33E+02	0:00:30
4/14/93	1450	1.88E+02	0:00:30	4/19/93	1148	2.33E+02	0:00:30
4/14/93	1451	1.79E+02	0:00:30	4/19/93	1149	1.91E+02	0:00:30
4/14/93	1451	1.70E+02	0:00:30	4/19/93	1149	1.84E+02	0:00:30
4/14/93	1531	1.63E+02	0:00:30	4/19/93	1558	2.46E+02	0:00:30
4/14/93	1532	2.12E+02	0:00:30	4/19/93	1559	2.44E+02	0:00:30
4/14/93	1532	1.77E+02	0:00:30	4/19/93	1559	2.04E+02	0:00:30
4/14/93	1533	1.65E+02	0:00:30	4/19/93	1600	2.40E+02	0:00:30
4/14/93	1533	1.53E+02	0:00:30	4/20/93	644	2.23E+02	0:00:30
4/14/93	1534	1.60E+02	0:00:30	4/20/93	644	2.23E+02	0:00:30
4/14/93	1634	1.40E+02	0:00:30	4/20/93	747	2.02E+02	0:00:30
4/14/93	1635	1.46E+02	0:00:30	4/20/93	747	2.32E+02	0:00:30
4/14/93	1635	1.72E+02	0:00:30	4/20/93	901	1.86E+02	0:00:30
4/14/93	1636	1.82E+02	0:00:30	4/20/93	901	2.11E+02	0:00:30
4/14/93	1636	1.84E+02	0:00:30	4/20/93	902	1.93E+02	0:00:30
4/14/93	1637	1.72E+02	0:00:30	4/20/93	1429	1.93E+02	0:00:30
4/14/93	1637	1.61E+02	0:00:30	4/20/93	1429	2.16E+02	0:00:30
4/17/93	723	2.46E+02	0:00:30	4/20/93	1430	2.04E+02	0:00:30
4/17/93	723	2.42E+02	0:00:30	4/20/93	1430	2.18E+02	0:00:30
4/17/93	724	2.33E+02	0:00:30	4/20/93	1431	1.77E+02	0:00:30
4/17/93	724	2.88E+02	0:00:30	4/20/93	1526	2.09E+02	0:00:30
4/17/93	725	2.30E+02	0:00:30	4/20/93	1526	1.63E+02	0:00:30
4/17/93	725	2.51E+02	0:00:30	4/20/93	1527	2.09E+02	0:00:30
4/17/93	847	2.04E+02	0:00:30	4/20/93	1527	1.61E+02	0:00:30
4/17/93	848	2.04E+02	0:00:30	4/20/93	1528	2.09E+02	0:00:30
4/17/93	848	1.98E+02	0:00:30	4/20/93	1554	1.93E+02	0:00:30
4/17/93	849	2.65E+02	0:00:30	4/20/93	1554	2.09E+02	0:00:30
4/17/93	849	2.40E+02	0:00:30	4/20/93	1555	1.81E+02	0:00:30
4/17/93	944	2.18E+02	0:00:30	4/21/93	840	2.02E+02	0:00:30
4/17/93	945	1.93E+02	0:00:30	4/21/93	841	1.91E+02	0:00:30
4/17/93	945	1.88E+02	0:00:30	4/21/93	841	2.05E+02	0:00:30
4/17/93	1028	1.93E+02	0:00:30	4/21/93	842	2.12E+02	0:00:30
4/17/93	1029	2.44E+02	0:00:30	4/21/93	956	2.14E+02	0:00:30

ESPSUM.XLS

4/21/93	957	2.04E+02	0:00:30	4/23/93	813	2.25E+02	0:00:30
4/21/93	957	2.09E+02	0:00:30	4/23/93	813	1.86E+02	0:00:30
4/21/93	958	1.75E+02	0:00:30	4/23/93	814	1.96E+02	0:00:30
4/21/93	958	1.84E+02	0:00:30	4/23/93	814	2.04E+02	0:00:30
4/21/93	1148	1.98E+02	0:00:30	4/23/93	837	1.74E+02	0:00:30
4/21/93	1148	2.05E+02	0:00:30	4/23/93	837	2.04E+02	0:00:30
4/21/93	1149	1.98E+02	0:00:30	4/23/93	838	2.05E+02	0:00:30
4/21/93	1149	2.00E+02	0:00:30	4/23/93	838	2.12E+02	0:00:30
4/21/93	1341	2.26E+02	0:00:30	4/23/93	957	2.16E+02	0:00:30
4/21/93	1341	2.00E+02	0:00:30	4/23/93	958	2.35E+02	0:00:30
4/21/93	1342	2.58E+02	0:00:30	4/23/93	958	1.79E+02	0:00:30
4/21/93	1501	1.82E+02	0:00:30	4/23/93	1425	1.86E+02	0:00:30
4/21/93	1502	2.30E+02	0:00:30	4/23/93	1425	1.89E+02	0:00:30
4/21/93	1502	2.18E+02	0:00:30	4/23/93	1426	2.25E+02	0:00:30
4/21/93	1503	1.82E+02	0:00:30	4/23/93	1427	1.93E+02	0:00:30
4/21/93	1503	2.25E+02	0:00:30	4/23/93	1427	2.61E+02	0:00:30
4/21/93	1504	2.12E+02	0:00:30	4/23/93	1428	2.23E+02	0:00:30
4/21/93	1504	2.25E+02	0:00:30	4/23/93	1559	2.04E+02	0:00:30
4/21/93	1505	2.39E+02	0:00:30	4/23/93	1600	2.05E+02	0:00:30
4/21/93	1506	2.04E+02	0:00:30	4/23/93	1600	2.53E+02	0:00:30
4/22/93	649	2.18E+02	0:00:30	4/23/93	1601	2.12E+02	0:00:30
4/22/93	650	2.37E+02	0:00:30	4/24/93	1535	1.96E+02	0:00:30
4/22/93	808	2.23E+02	0:00:30	4/24/93	1536	2.56E+02	0:00:30
4/22/93	808	2.44E+02	0:00:30	4/24/93	1536	2.23E+02	0:00:30
4/22/93	845	2.61E+02	0:00:30	4/24/93	1537	2.28E+02	0:00:30
4/22/93	846	2.49E+02	0:00:30	4/24/93	1610	1.91E+02	0:00:30
4/22/93	846	2.56E+02	0:00:30	4/24/93	1610	2.32E+02	0:00:30
4/22/93	1016	2.07E+02	0:00:30	4/24/93	1611	2.39E+02	0:00:30
4/22/93	1017	2.32E+02	0:00:30	4/24/93	1612	2.42E+02	0:00:30
4/22/93	1017	2.46E+02	0:00:30	4/24/93	1612	1.68E+02	0:00:30
4/22/93	1018	2.51E+02	0:00:30	4/24/93	1613	2.21E+02	0:00:30
4/22/93	1018	1.63E+02	0:00:30	4/24/93	1613	1.16E+02	0:00:30
4/22/93	1141	2.19E+02	0:00:30	4/26/93	645	2.41E+02	0:00:30
4/22/93	1141	2.33E+02	0:00:30	4/26/93	646	3.27E+02	0:00:30
4/22/93	1142	2.25E+02	0:00:30	4/26/93	657	6.48E+01	0:00:30
4/22/93	1143	2.02E+02	0:00:30	4/26/93	808	2.88E+02	0:00:30
4/22/93	1143	2.23E+02	0:00:30	4/26/93	808	3.11E+02	0:00:30
4/22/93	1300	2.25E+02	0:00:30	4/26/93	809	2.60E+02	0:00:30
4/22/93	1300	2.12E+02	0:00:30	4/26/93	809	2.81E+02	0:00:30
4/22/93	1301	2.35E+02	0:00:30	4/26/93	810	2.42E+02	0:00:30
4/22/93	1301	2.09E+02	0:00:30	4/26/93	844	2.46E+02	0:00:30
4/22/93	1432	1.86E+02	0:00:30	4/26/93	844	2.65E+02	0:00:30
4/22/93	1432	2.28E+02	0:00:30	4/26/93	845	2.44E+02	0:00:30
4/22/93	1433	2.16E+02	0:00:30	4/26/93	845	3.00E+02	0:00:30
4/22/93	1433	1.95E+02	0:00:30	4/26/93	948	2.68E+02	0:00:30
4/22/93	1434	2.09E+02	0:00:30	4/26/93	948	2.53E+02	0:00:30
4/22/93	1529	2.19E+02	0:00:30	4/26/93	949	2.61E+02	0:00:30
4/22/93	1530	1.93E+02	0:00:30	4/26/93	949	2.54E+02	0:00:30
4/22/93	1530	2.12E+02	0:00:30	4/26/93	1145	2.58E+02	0:00:30

4/26/93	1146	2.32E+02	0:00:30
4/26/93	1147	2.40E+02	0:00:30
4/26/93	1147	2.54E+02	0:00:30
4/26/93	1148	2.91E+02	0:00:30
4/26/93	1258	2.49E+02	0:00:30
4/26/93	1259	2.63E+02	0:00:30
4/26/93	1259	2.68E+02	0:00:30
4/26/93	1300	2.54E+02	0:00:30
4/26/93	1401	2.12E+02	0:00:30
4/26/93	1401	2.28E+02	0:00:30
4/26/93	1402	2.91E+02	0:00:30
4/26/93	1402	2.74E+02	0:00:30
4/26/93	1403	2.70E+02	0:00:30
4/26/93	1434	3.68E+02	0:00:30
4/26/93	1435	4.04E+02	0:00:30
4/26/93	1435	2.49E+02	0:00:30
4/26/93	1436	2.46E+02	0:00:30
4/26/93	1436	2.65E+02	0:00:30
4/26/93	1539	2.44E+02	0:00:30
4/26/93	1540	2.32E+02	0:00:30
4/26/93	1540	2.25E+02	0:00:30
4/26/93	1541	3.32E+02	0:00:30
4/26/93	1542	2.60E+02	0:00:30
4/27/93	831	2.95E+02	0:00:30
4/27/93	832	2.60E+02	0:00:30
4/27/93	832	3.02E+02	0:00:30
4/27/93	833	3.39E+02	0:00:30
4/27/93	949	2.47E+02	0:00:30
4/27/93	950	2.74E+02	0:00:30
4/27/93	950	2.86E+02	0:00:30
4/27/93	1225	1.79E+02	0:00:30
4/27/93	1225	2.37E+02	0:00:30
4/27/93	1226	2.56E+02	0:00:30
4/27/93	1226	2.95E+02	0:00:30
4/27/93	1227	2.86E+02	0:00:30
4/27/93	1307	2.37E+02	0:00:30
4/27/93	1308	2.44E+02	0:00:30
4/27/93	1308	8.54E+02 A	0:00:3 ALARM Hot Particle <5000 Bq
4/27/93	1309	2.82E+02	0:00:30
4/27/93	1309	4.63E+02	0:00:30
4/27/93	1310	3.23E+02	0:00:30
4/27/93	1402	2.63E+02	0:00:30
4/27/93	1403	2.42E+02	0:00:30
4/27/93	1403	2.67E+02	0:00:30
4/27/93	1404	2.42E+02	0:00:30
4/27/93	1404	3.02E+02	0:00:30
4/28/93	748	2.75E+02	0:00:30
4/28/93	749	2.81E+02	0:00:30
4/28/93	750	2.46E+02	0:00:30

ESPSUM.XLS

4/28/93	750	2.54E+02	0:00:30	4/30/93	1454	2.33E+02	0:00:30
4/28/93	829	2.32E+02	0:00:30	4/30/93	1455	2.60E+02	0:00:30
4/28/93	830	2.72E+02	0:00:30	4/30/93	1455	3.07E+02	0:00:30
4/28/93	830	2.28E+02	0:00:30	4/30/93	1456	2.53E+02	0:00:30
4/28/93	953	2.51E+02	0:00:30	5/1/93	634	2.51E+02	0:00:30
4/28/93	953	2.46E+02	0:00:30	5/1/93	837	2.07E+02	0:00:30
4/28/93	954	2.61E+02	0:00:30	5/1/93	837	2.67E+02	0:00:30
4/28/93	1036	2.56E+02	0:00:30	5/1/93	945	2.75E+02	0:00:30
4/28/93	1037	2.33E+02	0:00:30	5/1/93	946	2.70E+02	0:00:30
4/28/93	1037	2.88E+02	0:00:30	5/1/93	946	2.84E+02	0:00:30
4/28/93	1225	2.96E+02	0:00:30	5/1/93	1137	2.44E+02	0:00:30
4/28/93	1225	2.74E+02	0:00:30	5/1/93	1138	2.65E+02	0:00:30
4/28/93	1226	2.44E+02	0:00:30	5/1/93	1139	2.77E+02	0:00:30
4/28/93	1350	2.39E+02	0:00:30	5/1/93	1231	1.96E+02	0:00:30
4/28/93	1350	2.54E+02	0:00:30	5/1/93	1231	2.37E+02	0:00:30
4/28/93	1351	2.88E+02	0:00:30	5/1/93	1232	2.74E+02	0:00:30
4/28/93	1351	2.79E+02	0:00:30	5/3/93	936	2.37E+02	0:00:30
4/28/93	1352	2.67E+02	0:00:30	5/3/93	937	2.44E+02	0:00:30
4/28/93	1352	2.47E+02	0:00:30	5/3/93	937	2.68E+02	0:00:30
4/28/93	1601	2.63E+02	0:00:30	5/3/93	938	2.86E+02	0:00:30
4/28/93	1601	2.72E+02	0:00:30	5/3/93	1036	2.63E+02	0:00:30
4/29/93	749	2.09E+02	0:00:30	5/3/93	1036	2.81E+02	0:00:30
4/29/93	750	2.61E+02	0:00:30	5/3/93	1037	2.61E+02	0:00:30
4/29/93	750	2.26E+02	0:00:30	5/3/93	1037	2.46E+02	0:00:30
4/29/93	845	2.56E+02	0:00:30	5/3/93	1147	2.65E+02	0:00:30
4/29/93	846	1.95E+02	0:00:30	5/3/93	1148	3.19E+02	0:00:30
4/29/93	846	2.70E+02	0:00:30	5/3/93	1148	2.72E+02	0:00:30
4/29/93	942	2.61E+02	0:00:30	5/3/93	1149	2.39E+02	0:00:30
4/29/93	943	2.32E+02	0:00:30	5/3/93	1150	2.09E+02	0:00:30
4/29/93	1238	2.19E+02	0:00:30	5/3/93	1243	2.88E+02	0:00:30
4/29/93	1239	2.56E+02	0:00:30	5/3/93	1243	2.46E+02	0:00:30
4/29/93	1239	2.56E+02	0:00:30	5/3/93	1244	2.68E+02	0:00:30
4/29/93	1240	2.72E+02	0:00:30	5/3/93	1244	2.74E+02	0:00:30
4/30/93	817	2.53E+02	0:00:30	5/3/93	1245	3.65E+02	0:00:30
4/30/93	817	2.49E+02	0:00:30	5/3/93	1456	2.54E+02	0:00:30
4/30/93	818	2.04E+02	0:00:30	5/3/93	1456	2.37E+02	0:00:30
4/30/93	903	2.12E+02	0:00:30	5/3/93	1457	2.91E+02	0:00:30
4/30/93	903	2.32E+02	0:00:30	5/3/93	1457	2.98E+02	0:00:30
4/30/93	904	2.14E+02	0:00:30	5/3/93	1618	2.25E+02	0:00:30
4/30/93	1001	2.49E+02	0:00:30	5/3/93	1618	2.72E+02	0:00:30
4/30/93	1002	2.51E+02	0:00:30	5/3/93	1619	3.19E+02	0:00:30
4/30/93	1002	2.70E+02	0:00:30	5/3/93	1619	3.16E+02	0:00:30
4/30/93	1158	2.23E+02	0:00:30	5/3/93	1620	2.68E+02	0:00:30
4/30/93	1159	2.18E+02	0:00:30	5/4/93	737	2.49E+02	0:00:30
4/30/93	1243	2.39E+02	0:00:30	5/4/93	738	3.26E+02	0:00:30
4/30/93	1243	2.75E+02	0:00:30	5/4/93	738	2.79E+02	0:00:30
4/30/93	1244	3.02E+02	0:00:30	5/4/93	917	2.37E+02	0:00:30
4/30/93	1244	2.46E+02	0:00:30	5/4/93	917	2.53E+02	0:00:30
4/30/93	1245	2.33E+02	0:00:30	5/4/93	918	2.79E+02	0:00:30

ESPSUM.XLS

5/4/93	946	2.19E+02	0:00:30	5/7/93	1145	2.86E+02	0:00:30
5/4/93	946	2.75E+02	0:00:30	5/7/93	1145	2.79E+02	0:00:30
5/4/93	947	2.58E+02	0:00:30	5/7/93	1249	2.70E+02	0:00:30
5/4/93	947	2.26E+02	0:00:30	5/7/93	1250	2.75E+02	0:00:30
5/4/93	1034	2.40E+02	0:00:30	5/7/93	1250	2.77E+02	0:00:30
5/4/93	1034	2.53E+02	0:00:30	5/7/93	1251	2.72E+02	0:00:30
5/4/93	1035	2.61E+02	0:00:30	5/7/93	1251	2.63E+02	0:00:30
5/4/93	1035	2.21E+02	0:00:30	5/8/93	759	2.26E+02	0:00:30
5/5/93	837	2.21E+02	0:00:30	5/8/93	759	2.65E+02	0:00:30
5/5/93	838	2.44E+02	0:00:30	5/8/93	800	2.67E+02	0:00:30
5/5/93	838	2.70E+02	0:00:30	5/8/93	939	2.39E+02	0:00:30
5/5/93	839	2.19E+02	0:00:30	5/8/93	940	2.63E+02	0:00:30
5/5/93	840	2.39E+02	0:00:30	5/8/93	940	2.74E+02	0:00:30
5/5/93	930	2.00E+02	0:00:30	5/8/93	941	2.82E+02	0:00:30
5/5/93	930	2.68E+02	0:00:30	5/8/93	1147	2.11E+02	0:00:30
5/5/93	931	2.53E+02	0:00:30	5/8/93	1148	3.00E+02	0:00:30
5/5/93	1246	2.40E+02	0:00:30	5/10/93	731	2.77E+02	0:00:30
5/5/93	1247	2.16E+02	0:00:30	5/10/93	731	2.81E+02	0:00:30
5/5/93	1247	2.70E+02	0:00:30	5/10/93	732	2.82E+02	0:00:30
5/5/93	1248	2.98E+02	0:00:30	5/10/93	937	2.25E+02	0:00:30
5/5/93	1402	2.53E+02	0:00:30	5/10/93	937	2.54E+02	0:00:30
5/5/93	1403	2.56E+02	0:00:30	5/10/93	938	2.67E+02	0:00:30
5/5/93	1403	3.00E+02	0:00:30	5/10/93	1038	2.42E+02	0:00:30
5/5/93	1500	2.44E+02	0:00:30	5/10/93	1039	2.56E+02	0:00:30
5/5/93	1500	2.33E+02	0:00:30	5/10/93	1039	2.40E+02	0:00:30
5/5/93	1501	2.46E+02	0:00:30	5/10/93	1235	2.88E+02	0:00:30
5/5/93	1613	2.47E+02	0:00:30	5/10/93	1236	2.56E+02	0:00:30
5/5/93	1614	2.91E+02	0:00:30	5/10/93	1236	2.39E+02	0:00:30
5/6/93	938	2.67E+02	0:00:30	5/10/93	1237	2.35E+02	0:00:30
5/6/93	939	2.61E+02	0:00:30	5/10/93	1237	2.46E+02	0:00:30
5/6/93	939	2.47E+02	0:00:30	5/10/93	1403	1.81E+02	0:00:30
5/6/93	940	2.88E+02	0:00:30	5/10/93	1404	2.79E+02	0:00:30
5/6/93	940	2.11E+02	0:00:30	5/10/93	1405	2.32E+02	0:00:30
5/6/93	1022	2.70E+02	0:00:30	5/10/93	1405	2.60E+02	0:00:30
5/6/93	1022	2.70E+02	0:00:30	5/10/93	1406	2.70E+02	0:00:30
5/6/93	1023	2.23E+02	0:00:30	5/10/93	1443	2.33E+02	0:00:30
5/6/93	1023	2.70E+02	0:00:30	5/10/93	1608	2.67E+02	0:00:30
5/6/93	1555	2.68E+02	0:00:30	5/10/93	1608	2.84E+02	0:00:30
5/6/93	1556	2.98E+02	0:00:30	5/10/93	1609	2.98E+02	0:00:30
5/7/93	800	2.47E+02	0:00:30	5/12/93	735	2.56E+02	0:00:30
5/7/93	800	2.70E+02	0:00:30	5/12/93	736	2.26E+02	0:00:30
5/7/93	801	2.77E+02	0:00:30	5/12/93	851	2.70E+02	0:00:30
5/7/93	852	2.70E+02	0:00:30	5/12/93	851	2.62E+02	0:00:30
5/7/93	853	2.61E+02	0:00:30	5/12/93	852	2.32E+02	0:00:30
5/7/93	853	2.21E+02	0:00:30	5/12/93	1211	2.34E+02	0:00:30
5/7/93	854	2.37E+02	0:00:30	5/12/93	1211	2.64E+02	0:00:30
5/7/93	1143	2.75E+02	0:00:30	5/12/93	1212	2.30E+02	0:00:30
5/7/93	1144	2.63E+02	0:00:30	5/12/93	1316	2.36E+02	0:00:30
5/7/93	1144	2.81E+02	0:00:30	5/12/93	1316	2.44E+02	0:00:30

ESPSUM.XLS

5/12/93	1317	2.58E+02	0:00:30	5/14/93	1028	1.86E+02	0:00:30
5/12/93	1317	2.74E+02	0:00:30	5/14/93	1247	2.24E+02	0:00:30
5/12/93	1318	2.52E+02	0:00:30	5/14/93	1247	2.10E+02	0:00:30
5/12/93	1422	2.48E+02	0:00:30	5/14/93	1248	2.34E+02	0:00:30
5/12/93	1423	2.32E+02	0:00:30	5/14/93	1248	2.10E+02	0:00:30
5/12/93	1423	2.48E+02	0:00:30	5/14/93	1424	2.48E+02	0:00:30
5/12/93	1424	2.52E+02	0:00:30	5/14/93	1424	2.18E+02	0:00:30
5/12/93	1424	2.48E+02	0:00:30	5/14/93	1425	2.08E+02	0:00:30
5/12/93	1425	2.30E+02	0:00:30	5/14/93	1425	2.10E+02	0:00:30
5/12/93	1522	2.64E+02	0:00:30	5/14/93	1517	2.10E+02	0:00:30
5/12/93	1522	2.46E+02	0:00:30	5/14/93	1517	1.86E+02	0:00:30
5/12/93	1523	2.02E+02	0:00:30	5/14/93	1518	2.62E+02	0:00:30
5/12/93	1524	2.12E+02	0:00:30	5/14/93	1518	2.16E+02	0:00:30
5/12/93	1524	2.20E+02	0:00:30	5/14/93	1617	2.36E+02	0:00:30
5/13/93	754	2.48E+02	0:00:30	5/14/93	1617	1.94E+02	0:00:30
5/13/93	755	1.82E+02	0:00:30	5/15/93	513	2.88E+02	0:00:30
5/13/93	755	2.20E+02	0:00:30	5/15/93	513	2.00E+02	0:00:30
5/13/93	957	2.44E+02	0:00:30	5/15/93	738	2.46E+02	0:00:30
5/13/93	958	1.90E+02	0:00:30	5/15/93	739	2.64E+02	0:00:30
5/13/93	958	1.98E+02	0:00:30	5/15/93	739	2.04E+02	0:00:30
5/13/93	959	2.16E+02	0:00:30	5/15/93	740	2.04E+02	0:00:30
5/13/93	959	2.22E+02	0:00:30	5/15/93	835	2.24E+02	0:00:30
5/13/93	1042	2.54E+02	0:00:30	5/15/93	836	2.68E+02	0:00:30
5/13/93	1042	2.30E+02	0:00:30	5/15/93	836	2.32E+02	0:00:30
5/13/93	1043	2.72E+02	0:00:30	5/15/93	837	1.90E+02	0:00:30
5/13/93	1043	2.72E+02	0:00:30	5/15/93	837	2.30E+02	0:00:30
5/13/93	1044	2.34E+02	0:00:30	5/15/93	930	2.18E+02	0:00:30
5/13/93	1045	4.05E+02	0:00:30	5/15/93	930	2.22E+02	0:00:30
5/13/93	1256	1.71E+02	0:00:30	5/15/93	931	2.30E+02	0:00:30
5/13/93	1256	1.67E+02	0:00:30	5/15/93	931	2.32E+02	0:00:30
5/13/93	1257	2.30E+02	0:00:30	5/15/93	1010	2.02E+02	0:00:30
5/13/93	1257	2.20E+02	0:00:30	5/15/93	1011	1.79E+02	0:00:30
5/13/93	1258	1.84E+02	0:00:30	5/15/93	1011	2.06E+02	0:00:30
5/13/93	1343	2.34E+02	0:00:30	5/15/93	1012	2.34E+02	0:00:30
5/13/93	1343	2.28E+02	0:00:30	5/15/93	1012	2.16E+02	0:00:30
5/13/93	1344	2.54E+02	0:00:30	5/15/93	1232	2.32E+02	0:00:30
5/13/93	1345	2.40E+02	0:00:30	5/15/93	1233	2.50E+02	0:00:30
5/13/93	1345	2.24E+02	0:00:30	5/15/93	1233	2.30E+02	0:00:30
5/13/93	1441	2.54E+02	0:00:30	5/15/93	1234	2.00E+02	0:00:30
5/13/93	1441	1.90E+02	0:00:30	5/15/93	1415	1.84E+02	0:00:30
5/13/93	1442	2.22E+02	0:00:30	5/15/93	1416	1.84E+02	0:00:30
5/14/93	807	2.22E+02	0:00:30	5/15/93	1416	1.90E+02	0:00:30
5/14/93	807	2.40E+02	0:00:30				
5/14/93	844	2.02E+02	0:00:30				
5/14/93	845	2.40E+02	0:00:30				
5/14/93	845	2.28E+02	0:00:30				
5/14/93	846	2.10E+02	0:00:30				
5/14/93	1026	3.33E+02	0:00:30				
5/14/93	1027	2.28E+02	0:00:30				

APPENDIX E

QUALITY CONTROL SOIL ANALYSIS BY SHIELDED FIDLER

QA_SOILS.XLS

QC Soil Analysis By Shielded FIDLER

SAMPLE	DATE	TIME	RESULT	5 MIN CT	BKG EMPTY	BKG BLANK	SOURCE	CT DATE	EFF	Bq
QA 0057	1/2/92	900	<Standard	245	210	280	450	1/8/92	0.39	-89
QA 0058	1/2/92	1000	<Standard	248	210	280	450	1/8/92	0.39	-82
QA 0059	1/2/92	1100	<Standard	248	210	280	450	1/8/92	0.39	-82
QA 0060	1/2/92	1230	<Standard	248	210	280	450	1/8/92	0.39	-82
QA 0061	1/2/92	1330	<Standard	285	210	280	450	1/8/92	0.39	13
QA 0062	1/2/92	1500	<Standard	276	210	280	450	1/8/92	0.39	-10
QA 0063	1/2/92	1630	<Standard	269	210	280	450	1/8/92	0.39	-28
QA 0064	1/3/92	1615	<Standard	233	210	280	450	1/8/92	0.39	-120
QA 0065	1/3/92	1520	<Standard	248	210	280	450	1/8/92	0.39	-82
QA 0066	1/3/92	1315	<Standard	256	210	280	450	1/8/92	0.39	-61
QA 0067	1/3/92	1145	<Standard	275	210	280	450	1/8/92	0.39	-13
QA 0068	1/3/92	1045	<Standard	286	210	280	450	1/8/92	0.39	15
QA 0069	1/3/92	945	<Standard	261	210	280	450	1/8/92	0.39	-48
QA 0044	1/4/92	1100	<Standard	214	210	280	450	1/8/92	0.39	-168
QA 0045	1/4/92	1145	<Standard	243	210	280	450	1/8/92	0.39	-94
QA 0046	1/4/92	1230	<Standard	242	210	280	450	1/8/92	0.39	-97
QA 0047	1/4/92	1315	<Standard	238	210	280	450	1/8/92	0.39	-107
QA 0048	1/4/92	1430	<Standard	232	210	280	450	1/8/92	0.39	-122
QA 0049	1/4/92	1530	<Standard	274	210	280	450	1/8/92	0.39	-15
QA 0050	1/6/92	945	<Standard	250	210	280	450	1/8/92	0.39	-76
QA 0051	1/6/92	1045	<Standard	248	210	280	450	1/8/92	0.39	-82
QA 0052	1/6/92	1300	<Standard	260	210	280	450	1/8/92	0.39	-51
QA 0053	1/6/92	1400	<Standard	288	210	280	450	1/8/92	0.39	20
QA 0054	1/6/92	1500	<Standard	256	210	280	450	1/8/92	0.39	-61
QA 0055	1/6/92	1600	<Standard	258	210	280	450	1/8/92	0.39	-56
QA 0056	1/6/92	1650	<Standard	275	210	280	450	1/8/92	0.39	-13
QA 0070	1/7/92	830	<Standard	292	210	280	450	1/8/92	0.39	31
QA 0071	1/7/92	930	<Standard	264	210	280	450	1/8/92	0.39	-41
QA 0072	1/7/92	1300	<Standard	278	210	280	450	1/8/92	0.39	-5
QA 0073	1/7/92	1400	<Standard	295	210	280	450	1/8/92	0.39	38
QA 0074	1/7/92	1500	<Standard	268	210	280	450	1/8/92	0.39	-31
QA 0075	1/7/92	1600	<Standard	265	210	280	450	1/8/92	0.39	-38
QA 0076	1/7/92	1650	<Standard	281	210	280	450	1/8/92	0.39	3
QA 0077	1/8/92	830	<Standard	315	205	230	454	1/14/92	0.52	164
QA 0078	1/8/92	1930	<Standard	310	205	230	454	1/14/92	0.52	155
QA 0079	1/8/92	1300	<Standard	280	205	230	454	1/14/92	0.52	97
QA 0080	1/8/92	1400	<Standard	263	205	230	454	1/14/92	0.52	64
QA 0081	1/8/92	1500	<Standard	380	205	230	454	1/14/92	0.52	290
QA 0082	1/8/92	1630	<Standard	251	205	230	454	1/14/92	0.52	41
QA 0083	1/9/92	830	<Standard	322	205	230	454	1/14/92	0.52	178
QA 0084	1/9/92	930	<Standard	378	205	230	454	1/14/92	0.52	286
QA 0085	1/9/92	1200	<Standard	261	205	230	454	1/14/92	0.52	60
QA 0086	1/9/92	1330	<Standard	286	205	230	454	1/14/92	0.52	108
QA 0087	1/9/92	1500	<Standard	307	205	230	454	1/14/92	0.52	149
QA 0088	1/9/92	1600	<Standard	287	205	230	454	1/14/92	0.52	110
QA 0089	1/9/92	1700	<Standard	263	205	230	454	1/14/92	0.52	64
QA 0090	1/10/09	930	<Standard	340	205	230	454	1/14/92	0.52	213
QA 0091	1/10/09	1030	<Standard	291	205	230	454	1/14/92	0.52	118
QA 0092	1/10/09	1600	<Standard	276	205	230	454	1/14/92	0.52	89
QA 0093	1/10/09	1600	<Standard	304	205	230	454	1/14/92	0.52	143

QA_SOILS.XLS

QA 0094	1/11/09	830	<Standard	329	205	230	454	1/14/92	0.52	191
QA 0095	1/11/09	930	<Standard	295	205	230	454	1/14/92	0.52	126
QA 0096	1/11/09	1030	<Standard	258	205	230	454	1/14/92	0.52	54
QA 0097	1/11/09	1330	<Standard	265	205	230	454	1/14/92	0.52	68
QA 0098	1/11/09	1430	<Standard	276	205	230	454	1/14/92	0.52	89
QA 0099	1/11/09	1530	<Standard	246	205	230	454	1/14/92	0.52	31
QA 0100	1/13/09	900	<Standard	278	205	230	454	1/14/92	0.52	93
QA 0101	1/13/09	1000	<Standard	249	205	230	454	1/14/92	0.52	37
QA 0102	1/14/92	1530	<Standard	264	229	267	447	1/23/92	0.42	-7
QA 0103	1/14/92	1530	<Standard	257	229	267	447	1/23/92	0.42	-24
QA 0104	1/15/92	1100	<Standard	343	229	267	447	1/23/92	0.42	183
QA 0105	1/15/92	1330	<Standard	281	229	267	447	1/23/92	0.42	34
QA 0106	1/15/92	1430	<Standard	240	229	267	447	1/23/92	0.42	-65
QA 0107	1/15/92	1530	<Standard	230	229	267	447	1/23/92	0.42	-89
QA 0108	1/16/92	910	<Standard	287	229	267	447	1/23/92	0.42	48
QA 0109	1/16/92	1007	<Standard	317	229	267	447	1/23/92	0.42	120
QA 0110	1/16/92	1114	<Standard	345	229	267	447	1/23/92	0.42	188
QA 0111	1/16/92	1334	<Standard	328	229	267	447	1/23/92	0.42	147
QA 0112	1/16/92	1419	<Standard	271	229	267	447	1/23/92	0.42	10
QA 0113	1/16/92	1531	<Standard	288	229	267	447	1/23/92	0.42	51
QA 0114	1/16/92	1622	<Standard	299	229	267	447	1/23/92	0.42	77
QA 0115	1/17/92	847	<Standard	261	229	267	447	1/23/92	0.42	-14
QA 0116	1/17/92	952	<Standard	269	229	267	447	1/23/92	0.42	5
QA 0117	1/17/92	1045	<Standard	272	229	267	447	1/23/92	0.42	12
QA 0118	1/17/92	1325	<Standard	280	229	267	447	1/23/92	0.42	31
QA 0119	1/17/92	1430	<Standard	305	229	267	447	1/23/92	0.42	91
QA 0120	1/17/92	1528	<Standard	315	229	267	447	1/23/92	0.42	116
QA 0121	1/17/92	1645	<Standard	270	229	267	447	1/23/92	0.42	7
QA 0122	1/18/92	830	<Standard	228	229	267	447	1/23/92	0.42	-94
QA 0123	1/18/92	925	<Standard	315	229	267	447	1/23/92	0.42	116
QA 0124	1/18/92	1015	<Standard	295	229	267	447	1/23/92	0.42	67
QA 0125	1/18/92	1100	<Standard	248	229	267	447	1/23/92	0.42	-46
QA 0126	1/18/92	1301	<Standard	252	229	267	447	1/23/92	0.42	-36
QA 0127	1/18/92	1410	<Standard	301	229	267	447	1/23/92	0.42	82
QA 0128	1/18/92	1515	<Standard	310	229	267	447	1/23/92	0.42	104
QA 0129	1/18/92	1630	<Standard	255	229	267	447	1/23/92	0.42	-29
QA 0130	1/20/92	830	<Standard	310	229	267	447	1/23/92	0.42	104
QA 0131	1/20/92	1345	<Standard	263	229	267	447	1/23/92	0.42	-10
QA 0132	1/22/92	830	<Standard	345	229	267	447	1/23/92	0.42	188
QA 0133	1/22/92	942	<Standard	248	229	267	447	1/23/92	0.42	-46
QA 0134	1/22/92	1030	<Standard	250	229	267	447	1/23/92	0.42	-41
QA 0135	1/22/92	1315	<Standard	282	229	267	447	1/23/92	0.42	36
QA 0136	1/22/92	1420	<Standard	253	229	267	447	1/23/92	0.42	-34
QA 0137	1/27/92	935	<Standard	271	223	270	441	1/28/92	0.39	3
QA 0138	1/27/92	1044	<Standard	270	223	270	441	1/28/92	0.39	0
QA 0139	1/27/92	1335	<Standard	281	223	270	441	1/28/92	0.39	28
QA 0140	1/27/92	1455	<Standard	287	223	270	441	1/28/92	0.39	43
QA 0141	1/27/92	1640	<Standard	278	223	270	441	1/28/92	0.39	20
QA 0142	2/6/92	930	<Standard	282	197	242	485	2/17/92	0.56	71
QA 0143	2/6/92	1130	<Standard	258	197	242	485	2/17/92	0.56	29
QA 0144	2/6/92	1221	<Standard	269	197	242	485	2/17/92	0.56	48
QA 0145	2/6/92	1330	<Standard	254	197	242	485	2/17/92	0.56	21
QA 0146	2/6/92	1430	<Standard	294	197	242	485	2/17/92	0.56	93
QA 0147	2/6/92	1530	<Standard	245	197	242	485	2/17/92	0.56	5
QA 0148	2/12/92	1400	<Standard	234	197	242	485	2/17/92	0.56	-14
QA 0149	2/12/92	1500	<Standard	340	197	242	485	2/17/92	0.56	175

QA_SOILS.XLS

QA 0150	2/13/92	815	<Standard	230	197	242	485	2/17/92	0.56	-21
QA 0151	2/13/92	930	<Standard	245	189	255	444	2/23/92	0.44	-23
QA 0152	2/13/92	1030	<Standard	300	189	255	444	2/23/92	0.44	103
QA 0153	2/13/92	1200	<Standard	256	189	255	444	2/23/92	0.44	2
QA 0154	2/13/92	1330	<Standard	255	189	255	444	2/23/92	0.44	0
QA 0155	2/14/92	800	<Standard	275	189	255	444	2/23/92	0.44	46
QA 0156	2/14/92	900	<Standard	281	189	255	444	2/23/92	0.44	60
QA 0157	2/14/92	1000	<Standard	320	189	255	444	2/23/92	0.44	149
QA 0158	2/14/92	1115	<Standard	279	189	255	444	2/23/92	0.44	55
QA 0159	2/14/92	1215	<Standard	283	189	255	444	2/23/92	0.44	64
QA 0160	2/14/92	1300	<Standard	221	189	255	444	2/23/92	0.44	-78
QA 0161	2/14/92	1430	<Standard	285	189	255	444	2/23/92	0.44	69
QA 0162	2/14/92	1530	<Standard	239	189	255	444	2/23/92	0.44	-37
QA 0163	2/14/92	1630	<Standard	264	189	255	444	2/23/92	0.44	21
QA 0164	2/15/92	1000	<Standard	289	189	255	444	2/23/92	0.44	78
QA 0165	2/15/92	1100	<Standard	277	189	255	444	2/23/92	0.44	50
QA 0166	2/17/92	750	<Standard	452	189	255	444	2/23/92	0.44	452
QA 0167	2/17/92		<Standard	281	189	255	444	2/23/92	0.44	60
QA 0168	2/17/92	1000	<Standard	263	189	255	444	2/23/92	0.44	18
QA 0169	2/17/92	1100	<Standard	301	189	255	444	2/23/92	0.44	105
QA 0170	2/17/92	1200	<Standard	287	189	255	444	2/23/92	0.44	73
QA 0171	2/17/92	1255	<Standard	315	189	255	444	2/23/92	0.44	138
QA 0172	2/17/92	1430	<Standard	306	189	255	444	2/23/92	0.44	117
QA 0173	2/17/92	1530	<Standard	274	189	255	444	2/23/92	0.44	44
QA 0174	2/18/92	930	<Standard	213	189	255	444	2/23/92	0.44	-96
QA 0175	2/18/92	1100	<Standard	241	189	255	444	2/23/92	0.44	-32
QA 0176	2/18/92	1200	<Standard	290	189	255	444	2/23/92	0.44	80
QA 0177	2/18/92	1300	<Standard	263	189	255	444	2/23/92	0.44	18
QA 0178	2/18/92	1400	<Standard	315	189	255	444	2/23/92	0.44	138
QA 0179	2/18/92	1500	<Standard	252	189	255	444	2/23/92	0.44	-7
QA 0180	2/20/92	930	<Standard	274	214	240	463	2/21/92	0.51	66
QA 0181	2/20/92	1030	<Standard	271	214	240	463	2/21/92	0.51	60
QA 0182	2/20/92	1130	<Standard	297	214	240	463	2/21/92	0.51	111
QA 0183	2/20/92	1230	<Standard	293	214	240	463	2/21/92	0.51	103
QA 0184	2/20/92	1345	<Standard	274	214	240	463	2/21/92	0.51	66
QA 0185	2/20/92	1445	<Standard	298	214	240	463	2/21/92	0.51	113
QA 0186	2/20/92	1550	<Standard	356	214	240	463	2/21/92	0.51	225
QA 0187	2/21/92	830	<Standard	277	196	251	462	2/24/92	0.49	53
QA 0188	2/21/92	930	<Standard	315	196	251	462	2/24/92	0.49	131
QA 0189	2/21/92	1030	<Standard	249	196	251	462	2/24/92	0.49	-4
QA 0190	2/21/92	1205	<Standard	344	196	251	462	2/24/92	0.49	191
QA 0191	2/21/92	1330	<Standard	279	196	251	462	2/24/92	0.49	57
QA 0192	2/21/92	1545	<Standard	235	196	251	462	2/24/92	0.49	-33
QA 0193	2/22/92	800	<Standard	226	196	251	462	2/24/92	0.49	-51
QA 0194	2/22/92	900	<Standard	341	196	251	462	2/24/92	0.49	185
QA 0195	2/22/92	1000	<Standard	258	196	251	462	2/24/92	0.49	14
QA 0196	2/22/92	1100	<Standard	275	196	251	462	2/24/92	0.49	49
QA 0197	2/22/92	1400	<Standard	220	196	251	462	2/24/92	0.49	-64
QA 0198	2/22/92	1540	<Standard	256	196	251	462	2/24/92	0.49	10
QA 0199	2/22/92	1615	<Standard	340	196	251	462	2/24/92	0.49	183
QA 0200	2/22/92	1700	<Standard	305	196	251	462	2/24/92	0.49	111
QA 0201	2/24/92	830	<Standard	262	221	256	439	2/25/92	0.42	14
QA 0202	2/24/92		<Standard	251	221	256	439	2/25/92	0.42	-12
QA 0203	2/24/92	1030	<Standard	248	221	256	439	2/25/92	0.42	-19
QA 0204	2/24/92	1200	<Standard	250	221	256	439	2/25/92	0.42	-14
QA 0205	2/24/92	1330	<Standard	255	221	256	439	2/25/92	0.42	-2

QA_SOILS.XLS

QA 0206	2/24/92	1430	< Standard	263	221	256	439	2/25/92	0.42	17
QA 0207	2/25/92	845	< Standard	330	219	259	470	2/26/92	0.49	146
QA 0208	2/25/92	950	< Standard	285	219	259	470	2/26/92	0.49	53
QA 0209	2/25/92	1100	< Standard	229	219	259	470	2/26/92	0.49	-62
QA 0210	2/25/92	1205	< Standard	308	219	259	470	2/26/92	0.49	101
QA 0211	2/25/92	1330	< Standard	256	219	259	470	2/26/92	0.49	-6
QA 0212	2/25/92	1430	< Standard	273	219	259	470	2/26/92	0.49	29
QA 0213	2/25/92	1530	< Standard	379	219	259	470	2/26/92	0.49	246
QA 0214	2/26/92	830	< Standard	293	215	233	436	2/27/92	0.47	128
QA 0215	2/26/92	930	< Standard	277	215	233	436	2/27/92	0.47	94
QA 0216	2/26/92	1030	< Standard	286	215	233	436	2/27/92	0.47	113
QA 0217	2/26/92	1130	< Standard	258	215	233	436	2/27/92	0.47	53
QA 0218	2/26/92	1300	< Standard	283	215	233	436	2/27/92	0.47	107
QA 0219	2/26/92	1400	< Standard	278	215	233	436	2/27/92	0.47	96
QA 0220	2/26/92	1500	< Standard	268	215	233	436	2/27/92	0.47	75
QA 0221	2/27/92	830	< Standard	405	208	266	473	3/1/92	0.48	291
QA 0222	2/27/92	930	< Standard	397	208	266	473	3/1/92	0.48	274
QA 0223	2/27/92	1100	< Standard	280	208	266	473	3/1/92	0.48	29
QA 0224	2/27/92	1300	< Standard	265	208	266	473	3/1/92	0.48	-2
QA 0225	2/27/92	1355	< Standard	255	208	266	473	3/1/92	0.48	-23
QA 0226	2/27/92	1500	< Standard	355	208	266	473	3/1/92	0.48	186
QA 0227	2/27/92	1600	< Standard	375	208	266	473	3/1/92	0.48	228
QA 0228	2/27/92	1700	< Standard	340	208	266	473	3/1/92	0.48	155
QA 229	7/25/92	1350	< Standard	282	213	264	441	7/27/92	0.41	44
QA 230	7/25/92	1350	< Standard	272	213	264	441	7/27/92	0.41	20
QA 231	7/25/92	1450	< Standard	254	213	264	441	7/27/92	0.41	-24
QA 232	7/25/92	1450	< Standard	252	213	264	441	7/27/92	0.41	-29
QA 233	7/28/92	1435	< Standard	267	204	251	413	7/29/92	0.37	43
QA 234	7/28/92	1435	< Standard	288	204	251	413	7/29/92	0.37	99
QA 235	7/29/92	830	< Standard	251	204	251	413	7/29/92	0.37	0
QA 236	7/29/92	930	< Standard	271	204	251	413	7/29/92	0.37	53
QA 237	7/30/92	830	< Standard	288	205	267	379	7/31/92	0.26	81
QA 238	7/30/92	930	< Standard	254	205	267	379	7/31/92	0.26	-50
QA 239	7/30/92	1100	< Standard	237	205	267	379	7/31/92	0.26	-116
QA 240	7/30/92	1200	< Standard	250	205	267	379	7/31/92	0.26	-66
QA 241	7/30/92	1300	< Standard	271	205	267	379	7/31/92	0.26	15
QA 242	7/30/92	1500	< Standard	255	205	267	379	7/31/92	0.26	-46
QA 243	7/31/92	730	< Standard	303	207	235	419	8/1/92	0.42	160
QA 244	7/31/92	830	< Standard	286	207	235	419	8/1/92	0.42	120
QA 245	7/31/92	930	< Standard	327	207	235	419	8/1/92	0.42	217
QA 246	7/31/92	1030	< Standard	249	207	235	419	8/1/92	0.42	33
QA 247	7/31/92	1130	< Standard	304	207	235	419	8/1/92	0.42	162
QA 248	7/31/92	1230	< Standard	249	207	235	419	8/1/92	0.42	33
QA 249	8/1/92	1200	< Standard	325	195	228	419	8/3/92	0.44	220
QA 250	8/1/92	1300	< Standard	212	195	228	419	8/3/92	0.44	-36
QA 251	8/1/92	1400	< Standard	230	195	228	419	8/3/92	0.44	5
QA 252	8/1/92	1500	< Standard	262	195	228	419	8/3/92	0.44	77
QA 253	8/3/92	730	< Standard	233	206	229	424	8/5/92	0.45	9
QA 254	8/3/92	830	< Standard	282	206	229	424	8/5/92	0.45	118
QA 255	8/3/92	930	< Standard	319	206	229	424	8/5/92	0.45	200
QA 256	8/3/92	1030	< Standard	250	206	229	424	8/5/92	0.45	47
QA 257	8/3/92	1200	< Standard	250	206	229	424	8/5/92	0.45	47
QA 258	8/3/92	1330	< Standard	292	206	229	424	8/5/92	0.45	140
QA 259	8/3/92	1430	< Standard	278	206	229	424	8/5/92	0.45	109
QA 260	8/3/92	1545	< Standard	265	206	229	424	8/5/92	0.45	80
QA 261	8/10/92	1030	< Standard	289	238	265	431	8/11/92	0.38	63

QA_SOILS.XLS

QA 262	8/10/92	1130	<Standard	350	238	265	431	8/11/92	0.38	222
QA 263	8/10/92	1230	<Standard	291	238	265	431	8/11/92	0.38	68
QA 264	8/10/92	1430	<Standard	287	238	265	431	8/11/92	0.38	57
QA 265	8/10/92	1530	<Standard	301	238	265	431	8/11/92	0.38	94
QA 266	8/11/92	N/A	<Standard	241	223	263	431	8/14/92	0.39	-57
QA 267	8/11/92	815	<Standard	330	223	263	431	8/14/92	0.39	173
QA 268	8/11/92	930	<Standard	301	223	263	431	8/14/92	0.39	98
QA 269	8/11/92	1030	<Standard	245	223	263	431	8/14/92	0.39	-46
QA 270	8/11/92	1130	<Standard	338	223	263	431	8/14/92	0.39	193
QA 271	8/11/92	1230	<Standard	316	223	263	431	8/14/92	0.39	137
QA 272	8/12/92	1030	<Standard	349	223	263	431	8/14/92	0.39	222
QA 273	8/12/92	1130	<Standard	275	223	263	431	8/14/92	0.39	31
QA 274	8/12/92	1230	<Standard	246	223	263	431	8/14/92	0.39	-44
QA 275	8/12/92	1330	<Standard	335	223	263	431	8/14/92	0.39	186
QA 276	8/12/92	1430	<Standard	310	223	263	431	8/14/92	0.39	121
QA 277	8/12/92	1530	<Standard	305	223	263	431	8/14/92	0.39	108
QA 278	8/13/92	800	<Standard	260	223	263	431	8/14/92	0.39	-8
QA 279	8/13/92	900	<Standard	316	223	263	431	8/14/92	0.39	137
QA 280	8/13/92	1000	<Standard	247	223	263	431	8/14/92	0.39	-41
QA 281	8/13/92	1100	<Standard	289	223	263	431	8/14/92	0.39	67
QA 282	8/13/92	1200	<Standard	291	223	263	431	8/14/92	0.39	72
QA 283	8/13/92	1300	<Standard	309	223	263	431	8/14/92	0.39	119
QA 284	8/13/92	1400	<Standard	292	223	263	431	8/14/92	0.39	75
QA 285	8/14/92	830	<Standard	306	223	251	444	8/15/92	0.45	123
QA 286	8/14/92	950	<Standard	298	223	251	444	8/15/92	0.45	106
QA 287	8/14/92	1045	<Standard	300	223	251	444	8/15/92	0.45	110
QA 288	8/14/92	1200	<Standard	256	223	251	444	8/15/92	0.45	11
QA 289	8/14/92	1345	<Standard	289	223	251	444	8/15/92	0.45	85
QA 290	8/14/92	1445	<Standard	310	223	251	444	8/15/92	0.45	132
QA 291	8/15/92	930	<Standard	270	203	251	403	8/17/92	0.35	54
QA 292	8/15/92	1030	<Standard	331	203	251	403	8/17/92	0.35	228
QA 293	8/15/92	1130	<Standard	297	203	251	403	8/17/92	0.35	131
QA 294	8/15/92	1230	<Standard	325	203	251	403	8/17/92	0.35	211
QA 295	8/15/92	1430	<Standard	306	203	251	403	8/17/92	0.35	157
QA 296	8/20/92	1230	<Standard	320	209	244	441	8/21/92	0.45	167
QA 297	8/20/92	1330	<Standard	250	209	244	441	8/21/92	0.45	13
QA 298	8/20/92	1430	<Standard	291	209	244	441	8/21/92	0.45	103
QA 299	8/20/92	1530	<Standard	247	209	244	441	8/21/92	0.45	7
QA 300	8/21/92	1530	<Standard	281	191	247	418	8/77/92	0.39	86
QA 301	8/21/92	1430	<Standard	279	191	247	418	8/77/92	0.39	81
QA 302	8/21/92	1255	<Standard	258	191	247	418	8/77/92	0.39	28
QA 303	8/21/92	1145	<Standard	297	191	247	418	8/77/92	0.39	127
QA 304	8/21/92	1030	<Standard	321	191	247	418	8/77/92	0.39	187
QA 305	8/21/92	930	<Standard	301	191	247	418	8/77/92	0.39	137
QA 306	8/21/92	830	<Standard	263	191	247	418	8/77/92	0.39	41
QA 307	8/21/92	730	<Standard	275	191	247	418	8/77/92	0.39	71
QA 308	8/22/92	1100	<Standard	307	191	247	418	8/77/92	0.39	152
QA 309	8/22/92	1000	<Standard	307	191	247	418	8/77/92	0.39	152
QA 310	8/22/92	900	<Standard	311	191	247	418	8/77/92	0.39	162
QA 311	8/22/92	800	<Standard	255	191	247	418	8/77/92	0.39	20
QA 312	9/14/92	N/A	<Standard	263	199	259	458	9/16/92	0.46	9
QA 313	9/14/92	N/A	<Standard	245	199	259	458	9/16/92	0.46	-30
QA 314	9/14/92	N/A	<Standard	235	199	259	458	9/16/92	0.46	-52
QA 315	9/14/92	N/A	<Standard	254	199	259	458	9/16/92	0.46	-11
QA 316	9/15/92	N/A	<Standard	249	199	259	458	9/16/92	0.46	-22
QA 317	9/15/92	N/A	<Standard	241	199	259	458	9/16/92	0.46	-39

QA_SOILS.XLS

QA 318	9/15/92	N/A	<Standard	261	199	259	458	9/16/92	0.46	4
QA 319	9/15/92	N/A	<Standard	247	199	259	458	9/16/92	0.46	-26
QA 320	9/15/92	N/A	<Standard	253	199	259	458	9/16/92	0.46	-13
QA 321	9/15/92	N/A	<Standard	254	199	259	458	9/16/92	0.46	-11
QA 322	9/15/92	N/A	<Standard	225	199	259	458	9/16/92	0.46	-74
QA 323	9/24/92	N/A	<Standard	295	234	213	447	9/26/92	0.54	152
QA 325	9/24/92	N/A	<Standard	300	234	213	447	9/26/92	0.54	161
QA 326	9/24/92	N/A	<Standard	285	234	213	447	9/26/92	0.54	133
QA 327	9/24/92	N/A	<Standard	304	234	213	447	9/26/92	0.54	168
QA 328	9/25/92	N/A	<Standard	248	234	213	447	9/26/92	0.54	65
QA 329	9/25/92	N/A	<Standard	274	234	213	447	9/26/92	0.54	113
QA 330	9/25/92	N/A	<Standard	255	234	213	447	9/26/92	0.54	78
QA 331	9/25/92	N/A	<Standard	275	234	213	447	9/26/92	0.54	115
QA 332	9/25/92	N/A	<Standard	256	234	213	447	9/26/92	0.54	80
QA 333	9/26/92	N/A	<Standard	248	234	213	447	9/26/92	0.54	65
QA 334	9/26/92	N/A	<Standard	237	234	213	447	9/26/92	0.54	44
QA 335	9/26/92	N/A	<Standard	237	234	213	447	9/26/92	0.54	44
QA 336	9/28/92	815	<Standard	248	199	264	463	9/29/92	0.46	-35
QA 337	9/28/92	935	<Standard	271	199	264	463	9/29/92	0.46	15
QA 338	9/28/92	1055	<Standard	328	199	264	463	9/29/92	0.46	139
QA 339	9/28/92	1120	<Standard	288	199	264	463	9/29/92	0.46	52
QA 340	9/28/92	1330	<Standard	268	199	264	463	9/29/92	0.46	9
QA 341	9/28/92	1450	<Standard	298	199	264	463	9/29/92	0.46	74
QA 342	9/30/92	1230	<Standard	260	217	253	471	10/3/92	0.50	14
QA 343	9/30/92	1320	<Standard	251	217	253	471	10/3/92	0.50	-4
QA 344	9/30/92	1400	<Standard	230	217	253	471	10/3/92	0.50	-46
QA 345	9/30/92	1500	<Standard	278	217	253	471	10/3/92	0.50	50
QA 346	9/30/92	1615	<Standard	253	217	253	471	10/3/92	0.50	0
QA 347	10/1/92	930	<Standard	305	217	253	470	10/3/92	0.50	104
QA 348	10/1/92	1030	<Standard	315	217	253	470	10/3/92	0.50	124
QA 349	10/1/92	1110	<Standard	241	217	253	470	10/3/92	0.50	-24
QA 350	10/1/92	1400	<Standard	298	217	253	470	10/3/92	0.50	80
QA 351	10/1/92	1500	<Standard	258	217	253	470	10/3/92	0.50	10
QA 352	10/1/92	1630	<Standard	346	217	253	470	10/3/92	0.50	186
QA 354	10/2/92	840	<Standard	261	217	253	470	10/3/92	0.50	16
QA 355	10/2/92	945	<Standard	313	217	253	470	10/3/92	0.50	120
QA 356	10/2/92	1040	<Standard	263	217	253	470	10/3/92	0.50	20
QA 357	10/2/92	1105	<Standard	283	217	253	470	10/3/92	0.50	60
QA 358	10/2/92	1300	<Standard	285	217	253	470	10/3/92	0.50	64
QA 359	10/2/92	1400	<Standard	288	217	253	470	10/3/92	0.50	70
QA 360	10/2/92	1500	<Standard	292	217	253	470	10/3/92	0.50	78
QA 362	10/2/92	1600	<Standard	258	217	253	470	10/3/92	0.50	10
QA 363	10/2/92	800	<Standard	246	219	232	449	10/7/92	0.50	28
QA 364	10/2/92	1330	<Standard	298	219	232	449	10/7/92	0.50	132
QA 365	10/3/92	1515	<Standard	291	219	232	449	10/7/92	0.50	118
QA 366	10/3/92	1630	<Standard	292	219	232	449	10/7/92	0.50	120
QA 367	10/3/92	1600	<Standard	266	219	232	449	10/7/92	0.50	68
QA 367A	10/3/92	1015	<Standard	288	219	232	449	10/7/92	0.50	112
QA 368	10/5/92	1100	<Standard	235	219	232	449	10/7/92	0.50	6
QA 369	10/5/92	1330	<Standard	273	219	232	449	10/7/92	0.50	82
QA 370	10/5/92	1430	<Standard	282	219	232	449	10/7/92	0.50	100
QA 371	10/5/92	1610	<Standard	294	219	232	449	10/7/92	0.50	124
QA 372	10/5/92	1720	<Standard	278	219	232	449	10/7/92	0.50	92
QA 373	10/6/92	1300	<Standard	243	219	232	449	10/7/92	0.50	22
QA 374	10/6/92	1400	<Standard	245	219	232	449	10/7/92	0.50	26
QA 375	10/6/92	1500	<Standard	264	219	232	449	10/7/92	0.50	64

QA_SOILS.XLS

QA 376	10/6/92	1600	<Standard	271	219	232	449	10/7/92	0.50	78
QA 377	10/6/92	1700	<Standard	258	219	232	449	10/7/92	0.50	52
QA 378	10/7/92	730	<Standard	251	219	232	449	10/7/92	0.50	38
QA 379	10/7/92	830	<Standard	268	219	232	449	10/7/92	0.50	72
QA 380	#####	1500	<Standard	277	188	253	416	10/16/92	0.38	64
QA 381	#####	1600	<Standard	299	188	253	416	10/16/92	0.38	122
QA 382	#####	1700	<Standard	257	188	253	416	10/16/92	0.38	11
QA 383	#####	930	<Standard	261	230	271	398	10/20/92	0.29	-34
QA 384	#####	1040	<Standard	257	230	271	398	10/20/92	0.29	-48
QA 385	#####	1300	<Standard	265	230	271	398	10/20/92	0.29	-20
QA 386	#####	1430	<Standard	220	230	271	398	10/20/92	0.29	-174
QA 387	#####	1500	<Standard	264	230	271	398	10/20/92	0.29	-24
QA 388	#####	1600	<Standard	290	230	271	398	10/20/92	0.29	65
QA 389	#####	1645	<Standard	237	230	271	398	10/20/92	0.29	-116
QA 390	#####	820	<Standard	278	230	271	398	10/20/92	0.29	24
QA 391	#####	925	<Standard	238	230	271	398	10/20/92	0.29	-113
QA 392	#####	1030	<Standard	248	230	271	398	10/20/92	0.29	-78
QA 393	#####	1240	<Standard	236	230	271	398	10/20/92	0.29	-119
QA 394	#####	1340	<Standard	280	230	271	398	10/20/92	0.29	31
QA 395	#####	1440	<Standard	265	230	271	398	10/20/92	0.29	-20
QA 396	#####	1530	<Standard	263	230	271	398	10/20/92	0.29	-27
QA 397	#####	1630	<Standard	282	230	271	398	10/20/92	0.29	38
QA 398	#####	1100	<Standard	268	185	240	410	10/22/92	0.39	71
QA 399	#####	1245	<Standard	250	185	240	410	10/22/92	0.39	25
QA 400	#####	1330	<Standard	303	185	240	410	10/22/92	0.39	161
QA 401	#####	1500	<Standard	250	185	240	410	10/22/92	0.39	25
QA 402	#####	1540	<Standard	249	185	240	410	10/22/92	0.39	23
QA 404	#####	842	<Standard	287	185	240	410	10/22/92	0.39	120
QA 405	#####	930	<Standard	269	185	240	410	10/22/92	0.39	74
QA 406	#####	1045	<Standard	253	185	240	410	10/22/92	0.39	33
QA 407	#####	1130	<Standard	258	185	240	410	10/22/92	0.39	46
QA 408	#####	1400	<Standard	260	185	240	410	10/22/92	0.39	51
QA 409	#####	1500	<Standard	252	185	240	410	10/22/92	0.39	31
QA 410	#####	1600	<Standard	248	185	240	410	10/22/92	0.39	20
QA 411	#####	1300	<Standard	272	198	246	398	10/30/92	0.35	74
QA 412	#####	1410	<Standard	297	198	246	398	10/30/92	0.35	145
QA 413	#####	1510	<Standard	328	198	246	398	10/30/92	0.35	234
QA 414	#####	1610	<Standard	235	198	246	398	10/30/92	0.35	-31
QA 415	#####	1710	<Standard	266	198	246	398	10/30/92	0.35	57
QA 416	#####	845	<Standard	349	198	246	398	10/30/92	0.35	294
QA 417	#####	945	<Standard	260	198	246	398	10/30/92	0.35	40
QA 418	#####	1050	<Standard	294	198	246	398	10/30/92	0.35	137
QA 419	#####	1300	<Standard	271	198	246	398	10/30/92	0.35	71
QA 420	#####	1400	<Standard	278	198	246	398	10/30/92	0.35	91
QA 421	#####	1520	<Standard	273	198	246	398	10/30/92	0.35	77
QA 422	#####	1620	<Standard	267	198	246	398	10/30/92	0.35	60
QA 423	#####	820	<Standard	284	198	246	398	10/30/92	0.35	108
QA 424	#####	920	<Standard	289	198	246	398	10/30/92	0.35	123
QA 425	#####	1030	<Standard	276	198	246	398	10/30/92	0.35	86
QA 426	#####	1130	<Standard	353	198	246	398	10/30/92	0.35	305
QA 427	#####	1420	<Standard	274	198	246	398	10/30/92	0.35	80
QA 428	#####	1530	<Standard	257	198	246	398	10/30/92	0.35	31
QA 429	#####	1630	<Standard	251	198	246	398	10/30/92	0.35	14
QA 430	#####	1700	<Standard	272	198	246	398	10/30/92	0.35	74
QA 431	#####	AM	<Standard	293	180	270	436	10/31/92	0.38	60
QA 432	#####	1245	<Standard	235	180	270	436	10/31/92	0.38	-91

QA_SOILS.XLS

QA 433	#####	1415	<Standard	325	180	270	436	10/31/92	0.38	144
QA 434	#####	1515	<Standard	195	180	270	436	10/31/92	0.38	-196
QA 435	#####	1615	<Standard	230	180	270	436	10/31/92	0.38	-104
QA 436	#####	1645	<Standard	310	180	270	436	10/31/92	0.38	104
QA 437	#####	750	<Standard	275	180	270	436	10/31/92	0.38	13
QA 438	#####	915	<Standard	281	180	270	436	10/31/92	0.38	29
QA 439	#####	1015	<Standard	309	180	270	436	10/31/92	0.38	102
QA 440	#####	1215	<Standard	260	180	270	436	10/31/92	0.38	-26
QA 441	#####	1330	<Standard	269	180	270	436	10/31/92	0.38	-3
QA 442	#####	1430	<Standard	271	180	270	436	10/31/92	0.38	3
QA 443	#####	1530	<Standard	259	180	270	436	10/31/92	0.38	-29
QA 444	#####	1625	<Standard	331	180	270	436	10/31/92	0.38	159
QA 445	#####	1710	<Standard	275	180	270	436	10/31/92	0.38	13
QA 446	#####	1000	<Standard	272	180	270	436	10/31/92	0.38	5
QA 447	#####	1100	<Standard	290	180	270	436	10/31/92	0.38	52
QA 448	#####	1245	<Standard	267	180	270	436	10/31/92	0.38	-8
QA 449	#####	1410	<Standard	274	180	270	436	10/31/92	0.38	10
QA 450	#####	1500	<Standard	274	180	270	436	10/31/92	0.38	10
QA 451	#####	1545	<Standard	240	180	270	436	10/31/92	0.38	-78
QA 452	#####	1645	<Standard	270	180	270	436	10/31/92	0.38	0
QA 453	#####	815	<Standard	271	180	270	436	10/31/92	0.38	3
QA 454	#####	915	<Standard	271	180	270	436	10/31/92	0.38	3
QA 455	#####	1045	<Standard	255	180	270	436	10/31/92	0.38	-39
QA 456	#####	1230	<Standard	231	180	270	436	10/31/92	0.38	-102
QA 457	#####	1330	<Standard	262	180	270	436	10/31/92	0.38	-21
QA 458	#####	1430	<Standard	298	180	270	436	10/31/92	0.38	73
QA 459	#####	1540	<Standard	313	180	270	436	10/31/92	0.38	112
QA 460	#####	1630	<Standard	301	180	270	436	10/31/92	0.38	81
QA 461	#####	820	<Standard	278	180	270	436	10/31/92	0.38	21
QA 462	#####	1025	<Standard	279	180	270	436	10/31/92	0.38	23
QA 463	#####	1130	<Standard	321	180	270	436	10/31/92	0.38	133
QA 464	#####	1300	<Standard	251	180	270	436	10/31/92	0.38	-50
QA 465	#####	1330	<Standard	259	180	270	436	10/31/92	0.38	-29
QA 466	#####	1430	<Standard	255	180	270	436	10/31/92	0.38	-39
QA 467	#####	1530	<Standard	262	180	270	436	10/31/92	0.38	-21
QA 468	#####	1630	<Standard	264	180	270	436	10/31/92	0.38	-16
QA 470	11/2/92	900	<Standard	264	222	269	430	11/2/92	0.37	-13
QA 471	11/2/92	1000	<Standard	282	222	269	430	11/2/92	0.37	35
QA 472	11/2/92	1100	<Standard	289	222	269	430	11/2/92	0.37	54
QA 473	11/2/92	1300	<Standard	308	222	269	430	11/2/92	0.37	105
QA 474	11/2/92	1400	<Standard	296	222	269	430	11/2/92	0.37	73
QA 475	11/2/92	1510	<Standard	278	222	269	430	11/2/92	0.37	24
QA 476	11/2/92	1600	<Standard	353	222	269	430	11/2/92	0.37	226
QA 477	11/2/92	1700	<Standard	275	222	269	430	11/2/92	0.37	16
QA 478	11/3/92	800	<Standard	318	200	262	419	11/4/92	0.36	155
QA 479	11/3/92	900	<Standard	300	200	262	419	11/4/92	0.36	105
QA 480	11/3/92	1000	<Standard	272	200	262	419	11/4/92	0.36	28
QA 481	11/3/92	1100	<Standard	250	200	262	419	11/4/92	0.36	-33
QA 482	11/3/92	1240	<Standard	285	200	262	419	11/4/92	0.36	63
QA 483	11/3/92	1420	<Standard	310	200	262	419	11/4/92	0.36	132
QA 484	11/3/92	1520	<Standard	256	211	266	413	11/7/92	0.34	-29
QA 485	11/3/92	1645	<Standard	280	211	266	413	11/7/92	0.34	41
QA 486	11/4/92	830	<Standard	269	211	266	413	11/7/92	0.34	9
QA 487	11/4/92	920	<Standard	297	211	266	413	11/7/92	0.34	91
QA 488	11/4/92	1030	<Standard	346	211	266	413	11/7/92	0.34	236
QA 489	11/4/92	1315	<Standard	296	211	266	413	11/7/92	0.34	88

QA_SOILS.XLS

QA 490	11/4/92	1415	< Standard	307	211	266	413	11/7/92	0.34	121
QA 491	11/4/92	1515	< Standard	313	211	266	413	11/7/92	0.34	139
QA 492	11/4/92	1625	< Standard	287	211	266	413	11/7/92	0.34	62
QA 493	11/4/92	1710	< Standard	300	211	266	413	11/7/92	0.34	100
QA 494	11/5/92	845	< Standard	350	211	266	413	11/7/92	0.34	248
QA 495	11/5/92	950	< Standard	273	211	266	413	11/7/92	0.34	21
QA 496	11/5/92	1050	< Standard	256	211	266	413	11/7/92	0.34	-29
QA 497	11/5/92	1300	< Standard	304	211	266	413	11/7/92	0.34	112
QA 498	11/5/92	1410	< Standard	304	223	241	441	11/9/92	0.46	136
QA 499	11/5/92	1505	< Standard	287	223	241	441	11/9/92	0.46	100
QA 500	11/5/92	1610	< Standard	356	223	241	441	11/9/92	0.46	249
QA 501	11/5/92	1710	< Standard	320	223	241	441	11/9/92	0.46	171
QA 502	11/6/92	1030	< Standard	280	223	241	441	11/9/92	0.46	84
QA 503	11/6/92	1130	< Standard	291	223	241	441	11/9/92	0.46	108
QA 504	11/6/92	1230	< Standard	305	223	241	441	11/9/92	0.46	139
QA 505	11/6/92	1330	< Standard	237	223	241	441	11/9/92	0.46	-9
QA 506	11/6/92	1430	< Standard	302	223	241	441	11/9/92	0.46	132
QA 507	11/6/92	1530	< Standard	292	223	241	441	11/9/92	0.46	110
QA 508	11/6/92	1615	< Standard	290	223	241	441	11/9/92	0.46	106
QA 509	11/7/92	830	< Standard	353	223	241	441	11/9/92	0.46	243
QA 510	11/7/92	930	< Standard	261	223	241	441	11/9/92	0.46	43
QA 511	11/7/92	1030	< Standard	281	223	241	441	11/9/92	0.46	87
QA 512	11/7/92	1130	< Standard	307	223	241	441	11/9/92	0.46	143
QA 513	11/7/92	1310	< Standard	279	223	241	441	11/9/92	0.46	82
QA 514	11/7/92	1400	< Standard	233	223	241	441	11/9/92	0.46	-17
QA 515	11/7/92	1555	< Standard	296	223	241	441	11/9/92	0.46	119
QA 516	11/7/92	1615	< Standard	291	223	241	441	11/9/92	0.46	108
QA 517	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 518	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 519	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 520	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 521	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 522	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 523	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 524	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 525	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 526	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 527	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 528	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 529	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 530	#####	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
QA 531	#####	1410	< Standard	240	213	232	399	12/28/93	0.39	21
QA 532	#####	1515	< Standard	228	213	232	399	12/28/93	0.39	-10
QA 533	#####	1630	< Standard	237	213	232	399	12/28/93	0.39	13
QA 534	#####	1700	< Standard	243	213	232	399	12/28/93	0.39	29
QA 535	#####	837	< Standard	241	197	245	413	1/2/93	0.39	-10
QA 536	#####	1630	< Standard	219	197	245	413	1/2/93	0.39	-67
QA 537	#####	755	< Standard	251	197	245	413	1/2/93	0.39	15
QA 538	#####	940	< Standard	226	197	245	413	1/2/93	0.39	-49
QA 539	#####	105	< Standard	242	197	245	413	1/2/93	0.39	-8
QA 540	#####	1230	< Standard	213	197	245	413	1/2/93	0.39	-83
QA 541	#####	1330	< Standard	227	197	245	413	1/2/93	0.39	-46
QA 542	#####	1430	< Standard	219	197	245	413	1/2/93	0.39	-67
QA 543	#####	1540	< Standard	185	197	245	413	1/2/93	0.39	-155
QA 544	#####	1658	> Standard	1268	197	245	413	1/2/93	0.39	2638
QA 545	#####	805	< Standard	216	195	250	427	1/5/93	0.41	-83

QA_SOILS.XLS

QA 546	#####	805	<Standard	233	195	250	427	1/5/93	0.41	-42
QA 547	#####	1005	<Standard	258	195	250	427	1/5/93	0.41	20
QA 548	#####	1105	<Standard	294	195	250	427	1/5/93	0.41	108
QA 549	#####	135	<Standard	244	195	250	427	1/5/93	0.41	-15
QA 550	#####	1405	<Standard	253	195	250	427	1/5/93	0.41	7
QA 551	#####	1515	<Standard	219	195	250	427	1/5/93	0.41	-76
QA 552	#####	1605	<Standard	236	195	250	427	1/5/93	0.41	-34
QA 553	#####	805	<Standard	215	195	250	427	1/5/93	0.41	-86
QA 554	#####	1000	<Standard	242	195	250	427	1/5/93	0.41	-20
QA 555	#####	1105	<Standard	265	195	250	427	1/5/93	0.41	37
QA 556	#####	1235	<Standard	240	195	250	427	1/5/93	0.41	-24
QA 557	#####	131	<Standard	250	195	250	427	1/5/93	0.41	0
QA 558	#####	1430	<Standard	272	195	250	427	1/5/93	0.41	54
QA 559	#####	1530	<Standard	394	195	250	427	1/5/93	0.41	352
QA 560	#####	1700	<Standard	261	195	250	427	1/5/93	0.41	27
QA 561	1/2/93	745	<Standard	260	195	250	427	1/5/93	0.41	24
QA 562	1/2/93	845	<Standard	243	195	250	427	1/5/93	0.41	-17
QA 563	1/2/93	920	<Standard	250	195	250	427	1/5/93	0.41	0
QA 564	1/4/93	850	<Standard	236	195	250	427	1/5/93	0.41	-34
QA 565	1/4/93	1000	<Standard	244	195	250	427	1/5/93	0.41	-15
QA 566	1/4/93	1050	<Standard	253	195	250	427	1/5/93	0.41	7
QA 567	1/4/93	1240	<Standard	226	195	250	427	1/5/93	0.41	-59
QA 568	1/4/93	1405	<Standard	273	195	250	427	1/5/93	0.41	56
QA 569	1/4/93	1500	<Standard	235	195	250	427	1/5/93	0.41	-37
QA 570	1/4/93	1550	<Standard	236	195	250	427	1/5/93	0.41	-34
QA 571	1/4/93	1635	<Standard	239	195	250	427	1/5/93	0.41	-27
QA 572	1/5/93	820	<Standard	250	198	230	407	1/6/93	0.41	49
QA 573	1/5/93	920	<Standard	238	198	230	407	1/6/93	0.41	20
QA 574	1/5/93	1015	<Standard	214	198	230	407	1/6/93	0.41	-39
QA 575	1/5/93	1330	<Standard	209	198	230	407	1/6/93	0.41	-51
QA 576	1/5/93	1440	<Standard	233	198	230	407	1/6/93	0.41	7
QA 577	1/5/93	1540	<Standard	328	198	230	407	1/6/93	0.41	240
QA 578	1/5/93	1640	<Standard	253	198	230	407	1/6/93	0.41	56
QA 579	1/5/93	1705	<Standard	233	198	230	407	1/6/93	0.41	7
QA 580	1/6/93	820	<Standard	231	201	276	409	1/7/93	0.31	-147
QA 581	1/6/93	840	<Standard	246	201	276	409	1/7/93	0.31	-98
QA 582	1/6/93	940	<Standard	257	201	276	409	1/7/93	0.31	-62
QA 583	1/6/93	1035	<Standard	222	201	276	409	1/7/93	0.31	-176
QA 584	1/6/93	1250	<Standard	241	201	276	409	1/7/93	0.31	-114
QA 585	1/6/93	1400	<Standard	262	201	276	409	1/7/93	0.31	-46
QA 586	1/6/93	1500	<Standard	361	201	276	409	1/7/93	0.31	277
QA 587	1/7/93	820	<Standard	231	183	242	384	1/8/93	0.33	-34
QA 588	1/7/93	940	<Standard	235	183	242	384	1/8/93	0.33	-21
QA 589	1/7/93	1030	<Standard	258	183	242	384	1/8/93	0.33	49
QA 590	1/7/93	1240	<Standard	268	183	242	384	1/8/93	0.33	79
QA 591	1/7/93	1420	<Standard	235	183	242	384	1/8/93	0.33	-21
QA 592	1/7/93	1440	<Standard	249	183	242	384	1/8/93	0.33	21
QA 593	1/7/93	1540	<Standard	250	183	242	384	1/8/93	0.33	24
QA 594	1/7/93	1640	<Standard	217	183	242	384	1/8/93	0.33	-76
QA 595	1/8/93	820	<Standard	244	183	242	384	1/8/93	0.33	6
QA 596	1/8/93	920	<Standard	269	183	242	384	1/8/93	0.33	82
QA 597	1/8/93	1035	<Standard	254	183	242	384	1/8/93	0.33	37
QA 598	1/8/93	1300	<Standard	300	183	242	384	1/8/93	0.33	177
QA 599	1/8/93	1425	<Standard	261	183	242	384	1/8/93	0.33	58
QA 600	1/8/93	1515	<Standard	175	183	242	384	1/8/93	0.33	-204
QA 601	1/18/93	1420	<Standard	281	228	233	435	1/21/93	0.47	103

QA_SOILS.XLS

QA 602	1/18/93	1515	< Standard	256	228	233	435	1/21/93	0.47	49
QA 603	1/18/93	1635	< Standard	264	228	233	435	1/21/93	0.47	66
QA 604	1/18/93	1700	< Standard	230	228	233	435	1/21/93	0.47	-6
QA 605	1/19/93	755	< Standard	242	228	233	435	1/21/93	0.47	19
QA 606	1/19/93	925	< Standard	296	228	233	435	1/21/93	0.47	135
QA 607	1/19/93	1230	< Standard	267	228	233	435	1/21/93	0.47	73
QA 608	1/19/93	1320	< Standard	280	228	233	435	1/21/93	0.47	101
QA 609	1/19/93	1440	< Standard	263	228	233	435	1/21/93	0.47	64
QA 610	1/19/93	1545	< Standard	271	228	233	435	1/21/93	0.47	82
QA 611	1/19/93	1640	< Standard	260	228	233	435	1/21/93	0.47	58
QA 612	1/19/93	1720	< Standard	258	228	233	435	1/21/93	0.47	54
QA 613	1/20/93	820	< Standard	235	228	233	435	1/21/93	0.47	4
QA 614	1/20/93	950	< Standard	283	228	233	435	1/21/93	0.47	107
QA 615	1/20/93	1100	< Standard	292	228	233	435	1/21/93	0.47	127
QA 616	1/22/93	830	< Standard	278	205	243	423	1/23/93	0.42	84
QA 617	1/22/93	955	< Standard	248	205	243	423	1/23/93	0.42	12
QA 618	1/22/93	1050	< Standard	278	205	243	423	1/23/93	0.42	84
QA 619	1/22/93	1240	< Standard	261	205	243	423	1/23/93	0.42	43
QA 620	1/22/93	1500	< Standard	270	205	243	423	1/23/93	0.42	65
QA 621	1/22/93	1555	< Standard	261	205	243	423	1/23/93	0.42	43
QA 622	1/22/93	1650	< Standard	272	205	243	423	1/23/93	0.42	70
QA 623	1/22/93	1700	< Standard	281	205	243	423	1/23/93	0.42	91
QA 624	1/23/93	900	< Standard	276	228	241	410	1/26/93	0.39	90
QA 625	1/23/93	930	< Standard	271	228	241	410	1/26/93	0.39	77
QA 626	1/23/93	1030	< Standard	290	228	241	410	1/26/93	0.39	126
QA 627	1/23/93	1245	< Standard	267	228	241	410	1/26/93	0.39	67
QA 628	1/23/93	1515	< Standard	273	228	241	410	1/26/93	0.39	82
QA 629	1/23/93	1600	< Standard	243	228	241	410	1/26/93	0.39	5
QA 630	1/25/93	845	< Standard	266	228	241	410	1/26/93	0.39	64
QA 631	1/25/93	945	< Standard	270	228	241	410	1/26/93	0.39	74
QA 632	1/25/93	1055	< Standard	245	228	241	410	1/26/93	0.39	10
QA 633	1/25/93	1235	< Standard	238	228	241	410	1/26/93	0.39	-8
QA 634	1/25/93	1330	< Standard	240	228	241	410	1/26/93	0.39	-3
QA 635	1/25/93	1430	< Standard	289	228	241	410	1/26/93	0.39	123
QA 636	1/25/93	1530	< Standard	265	228	241	410	1/26/93	0.39	62
QA 637	1/25/93	1610	< Standard	241	228	241	410	1/26/93	0.39	0
QA 638	1/25/93	1700	< Standard	260	228	241	410	1/26/93	0.39	49
QA 639	1/26/93	850	< Standard	265	222	255	404	1/28/93	0.34	29
QA 640	1/26/93	950	< Standard	247	222	255	404	1/28/93	0.34	-23
QA 641	1/26/93	1050	< Standard	247	222	255	404	1/28/93	0.34	-23
QA 642	1/26/93	1200	< Standard	361	222	255	404	1/28/93	0.34	308
QA 643	1/26/93	1245	< Standard	268	222	255	404	1/28/93	0.34	38
QA 644	1/26/93	1345	< Standard	217	222	255	404	1/28/93	0.34	-110
QA 645	1/26/93	1445	< Standard	234	222	255	404	1/28/93	0.34	-61
QA 646	1/26/93	1545	< Standard	252	222	255	404	1/28/93	0.34	-9
QA 647	1/26/93	1645	< Standard	226	222	255	404	1/28/93	0.34	-84
QA 648	2/8/93	740	< Standard	227	190	267	417	2/9/93	0.35	-116
QA 649	2/8/93	905	< Standard	291	190	267	417	2/9/93	0.35	69
QA 650	2/8/93	1005	< Standard	265	190	267	417	2/9/93	0.35	-6
QA 651	2/8/93	1050	< Standard	271	190	267	417	2/9/93	0.35	12
QA 652	2/8/93	1220	< Standard	257	190	267	417	2/9/93	0.35	-29
QA 653	2/8/93	1310	< Standard	257	190	267	417	2/9/93	0.35	-29
QA 654	2/8/93	1415	< Standard	278	190	267	417	2/9/93	0.35	32
QA 655	2/8/93	1630	< Standard	257	190	267	417	2/9/93	0.35	-29
QA 656	2/10/93	845	< Standard	232	197	241	367	2/11/93	0.29	-31
QA 657	2/10/93	1015	< Standard	270	197	241	367	2/11/93	0.29	100

QA_SOILS.XLS

QA 658	2/10/93	1145	<Standard	248	197	241	367	2/11/93	0.29	24
QA 659	2/10/93	1310	<Standard	292	197	241	367	2/11/93	0.29	175
QA 660	2/10/93	1400	<Standard	269	197	241	367	2/11/93	0.29	96
QA 661	2/10/93	1510	<Standard	303	197	241	367	2/11/93	0.29	213
QA 662	2/10/93	1600	<Standard	261	197	241	367	2/11/93	0.29	69
QA 663	2/11/93	815	<Standard	269	213	226	416	2/12/93	0.44	98
QA 664	2/11/93	850	<Standard	303	213	226	416	2/12/93	0.44	176
QA 665	2/11/93	1010	<Standard	284	213	226	416	2/12/93	0.44	132
QA 666	2/11/93	1100	<Standard	258	213	226	416	2/12/93	0.44	73
QA 667	2/11/93	1200	<Standard	253	213	226	416	2/12/93	0.44	62
QA 668	2/11/93	1320	<Standard	264	213	226	416	2/12/93	0.44	87
QA 669	2/11/93	1430	<Standard	256	213	226	416	2/12/93	0.44	68
QA 670	2/11/93	1520	<Standard	249	213	226	416	2/12/93	0.44	52
QA 671	2/11/93	1620	<Standard	251	213	226	416	2/12/93	0.44	57
QA 672	2/11/93	1720	<Standard	267	213	226	416	2/12/93	0.44	93
QA 673	2/12/93	830	<Standard	264	203	247	407	2/13/93	0.37	46
QA 674	2/12/93	950	<Standard	263	203	247	407	2/13/93	0.37	43
QA 675	2/12/93	1600	<Standard	252	203	247	407	2/13/93	0.37	14
QA 676	2/12/93	1700	<Standard	237	203	247	407	2/13/93	0.37	-27
QA 677	2/13/93	1025	<Standard	205	198	205	384	2/17/93	0.41	0
QA 678	2/13/93	1250	<Standard	255	198	205	384	2/17/93	0.41	121
QA 679	2/13/93	1400	<Standard	292	198	205	384	2/17/93	0.41	211
QA 680	2/15/93	1000	<Standard	233	198	205	384	2/17/93	0.41	68
QA 681	2/15/93	1055	<Standard	230	198	205	384	2/17/93	0.41	61
QA 682	2/15/93	1230	<Standard	249	198	205	384	2/17/93	0.41	107
QA 683	2/15/93	1315	<Standard	248	198	205	384	2/17/93	0.41	104
QA 684	2/15/93	1400	<Standard	245	198	205	384	2/17/93	0.41	97
QA 685	2/15/93	1450	<Standard	237	198	205	384	2/17/93	0.41	77
QA 686	2/15/93	1600	<Standard	239	198	205	384	2/17/93	0.41	82
QA 687	2/15/93	1700	<Standard	215	198	205	384	2/17/93	0.41	24
QA 688	2/16/93	800	<Standard	255	198	205	384	2/17/93	0.41	121
QA 689	2/16/93	900	<Standard	273	198	205	384	2/17/93	0.41	165
QA 690	2/16/93	945	<Standard	262	198	205	384	2/17/93	0.41	138
QA 691	2/16/93	1055	<Standard	257	198	205	384	2/17/93	0.41	126
QA 692	2/16/93	1200	<Standard	243	198	205	384	2/17/93	0.41	92
QA 693	2/16/93	1305	<Standard	223	198	205	384	2/17/93	0.41	44
QA 694	2/16/93	1400	<Standard	257	198	205	384	2/17/93	0.41	126
QA 695	2/16/93	1500	<Standard	249	198	205	384	2/17/93	0.41	107
QA 696	2/16/93	1615	<Standard	238	198	205	384	2/17/93	0.41	80
QA 697	2/16/93	1730	<Standard	221	198	205	384	2/17/93	0.41	39
QA 698	2/17/93	740	<Standard	239	193	236	408	2/19/93	0.40	8
QA 699	2/17/93	840	<Standard	245	193	236	408	2/19/93	0.40	23
QA 700	2/17/93	1005	<Standard	254	193	236	408	2/19/93	0.40	45
QA 701	2/17/93	1040	<Standard	266	193	236	408	2/19/93	0.40	76
QA 702	2/17/93	1150	<Standard	271	193	236	408	2/19/93	0.40	88
QA 703	2/17/93	1300	<Standard	267	193	236	408	2/19/93	0.40	78
QA 704	2/17/93	1350	<Standard	248	193	236	408	2/19/93	0.40	30
QA 705	2/17/93	1410	<Standard	268	193	236	408	2/19/93	0.40	81
QA 706	2/17/93	1550	<Standard	233	193	236	408	2/19/93	0.40	-8
QA 707	2/17/93	1655	<Standard	224	193	236	408	2/19/93	0.40	-30
QA 708	2/18/93	900	<Standard	248	193	236	408	2/19/93	0.40	30
QA 709	2/18/93	1020	<Standard	252	193	236	408	2/19/93	0.40	40
QA 710	2/18/93	1140	<Standard	220	193	236	408	2/19/93	0.40	-40
QA 711	2/18/93	1220	<Standard	223	193	236	408	2/19/93	0.40	-33
QA 712	2/18/93	1255	<Standard	278	193	236	408	2/19/93	0.40	106
QA 713	2/18/93	1410	<Standard	309	193	236	408	2/19/93	0.40	184

QA_SOILS.XLS

QA 714	2/18/93	1515	< Standard	282	193	236	408	2/19/93	0.40	116
QA 715	2/18/93	1620	< Standard	274	193	236	408	2/19/93	0.40	96
QA 716	2/18/93	1710	< Standard	260	193	236	408	2/19/93	0.40	60
QA 717	2/19/93	840	< Standard	259	230	251	401	2/20/93	0.35	23
QA 718	2/19/93	1000	< Standard	296	230	251	401	2/20/93	0.35	130
QA 719	2/19/93	1055	< Standard	240	230	251	401	2/20/93	0.35	-32
QA 720	2/19/93	1210	< Standard	243	230	251	401	2/20/93	0.35	-23
QA 721	2/19/93	1250	< Standard	241	230	251	401	2/20/93	0.35	-29
QA 722	2/19/93	1400	< Standard	254	230	251	401	2/20/93	0.35	9
QA 723	2/19/93	1500	< Standard	233	230	251	401	2/20/93	0.35	-52
QA 724	2/19/93	1615	< Standard	228	230	251	401	2/20/93	0.35	-66
QA 725	2/19/93	1645	< Standard	217	230	251	401	2/20/93	0.35	-98
QA 726	2/20/93	520	< Standard	254	230	251	401	2/20/93	0.35	9
QA 727	2/20/93	630	< Standard	251	230	251	401	2/20/93	0.35	0
QA 728	2/20/93	730	< Standard	245	230	251	401	2/20/93	0.35	-17
QA 729	2/20/93	900	< Standard	244	230	251	401	2/20/93	0.35	-20
QA 730	2/20/93	920	< Standard	245	230	251	401	2/20/93	0.35	-17
QA 731	2/20/93	1040	< Standard	252	230	251	401	2/20/93	0.35	3
QA 732	2/20/93	1205	< Standard	241	230	251	401	2/20/93	0.35	-29
QA 733	2/20/93	1245	< Standard	250	230	251	401	2/20/93	0.35	-3
QA 734	2/20/93	1340	< Standard	210	230	251	401	2/20/93	0.35	-118
QA 735	2/20/93	1500	< Standard	219	230	251	401	2/20/93	0.35	-92
QA 736	3/15/93	745	< Standard	245	186	245	418	3/18/93	0.40	0
QA 737	3/15/93	900	< Standard	262	186	245	418	3/18/93	0.40	43
QA 738	3/15/93	950	< Standard	236	186	245	418	3/18/93	0.40	-23
QA 739	3/15/93	1030	< Standard	237	186	245	418	3/18/93	0.40	-20
QA 740	3/15/93	1050	< Standard	242	186	245	418	3/18/93	0.40	-8
QA 741	3/15/93	1215	< Standard	251	186	245	418	3/18/93	0.40	15
QA 742	3/15/93	1315	< Standard	266	186	245	418	3/18/93	0.40	53
QA 743	3/15/93	*1400	< Standard	246	186	245	418	3/18/93	0.40	3
QA 744	3/15/93	1550	< Standard	289	186	245	418	3/18/93	0.40	110
QA 745	3/16/93	710	< Standard	245	186	245	418	3/18/93	0.40	0
QA 746	3/16/93	750	< Standard	235	186	245	418	3/18/93	0.40	-25
QA 747	3/16/93	825	< Standard	228	186	245	418	3/18/93	0.40	-43
QA 748	3/16/93	925	< Standard	236	186	245	418	3/18/93	0.40	-23
QA 749	3/16/93	1035	< Standard	240	186	245	418	3/18/93	0.40	-13
QA 750	3/16/93	1155	< Standard	249	186	245	418	3/18/93	0.40	10
QA 751	3/16/93	1300	< Standard	236	186	245	418	3/18/93	0.40	-23
QA 752	3/16/93	1400	< Standard	231	186	245	418	3/18/93	0.40	-35
QA 753	3/16/93	1450	< Standard	238	186	245	418	3/18/93	0.40	-18
QA 754	3/16/93	1600	< Standard	249	186	245	418	3/18/93	0.40	10
QA 755	3/16/93	1630	< Standard	240	186	245	418	3/18/93	0.40	-13
QA 756	3/17/93	715	< Standard	228	186	245	418	3/18/93	0.40	-43
QA 757	3/17/93	850	< Standard	241	186	245	418	3/18/93	0.40	-10
QA 758	3/17/93	900	< Standard	242	186	245	418	3/18/93	0.40	-8
QA 759	3/17/93	950	< Standard	266	186	245	418	3/18/93	0.40	53
QA 760	3/17/93	1050	< Standard	239	186	245	418	3/18/93	0.40	-15
QA 761	3/17/93	1215	< Standard	227	186	245	418	3/18/93	0.40	-45
QA 762	3/17/93	1335	< Standard	281	186	245	418	3/18/93	0.40	90
QA 763	3/17/93	1350	< Standard	243	186	245	418	3/18/93	0.40	-5
QA 764	3/17/93	1455	< Standard	264	186	245	418	3/18/93	0.40	48
QA 765	3/17/93	1630	< Standard	259	186	245	418	3/18/93	0.40	35
QA 766	3/18/93	755	< Standard	237	160	253	429	3/19/93	0.41	-39
QA 767	3/18/93	845	< Standard	226	160	253	429	3/19/93	0.41	-66
QA 768	3/18/93	915	< Standard	251	160	253	429	3/19/93	0.41	-5
QA 769	3/18/93	1015	< Standard	254	160	253	429	3/19/93	0.41	2

QA_SOILS.XLS

QA 770	3/18/93	1045	<Standard	235	160	253	429	3/19/93	0.41	-44
QA 771	3/18/93	1145	<Standard	254	160	253	429	3/19/93	0.41	2
QA 772	3/18/93	1245	<Standard	251	160	253	429	3/19/93	0.41	-5
QA 773	3/18/93	1345	<Standard	264	160	253	429	3/19/93	0.41	27
QA 774	3/18/93	1445	<Standard	226	160	253	429	3/19/93	0.41	-66
QA 775	3/18/93	1623	<Standard	296	160	253	429	3/19/93	0.41	106
QA 776	3/18/93	1630	<Standard	261	160	253	429	3/19/93	0.41	20
QA 777	3/19/93	718	<Standard	263	198	239	446	3/20/93	0.48	50
QA 778	3/19/93	800	<Standard	238	198	239	446	3/20/93	0.48	-2
QA 779	3/19/93	925	<Standard	229	198	239	446	3/20/93	0.48	-21
QA 780	3/19/93	937	<Standard	249	198	239	446	3/20/93	0.48	21
QA 781	3/19/93	1050	<Standard	269	198	239	446	3/20/93	0.48	63
QA 782	3/19/93	1150	<Standard	253	198	239	446	3/20/93	0.48	29
QA 783	3/19/93	1220	<Standard	236	198	239	446	3/20/93	0.48	-6
QA 784	3/19/93	1355	<Standard	260	198	239	446	3/20/93	0.48	44
QA 785	3/19/93	150	<Standard	254	198	239	446	3/20/93	0.48	31
QA 786	3/19/93	1555	<Standard	229	198	239	446	3/20/93	0.48	-21
QA 787	3/19/93	1630	<Standard	242	198	239	446	3/20/93	0.48	6
QA 788	3/19/93	1700	<Standard	256	198	239	446	3/20/93	0.48	36
QA 789	3/20/93	700	<Standard	238	169	243	419	3/22/93	0.41	-12
QA 790	3/20/93	800	<Standard	283	169	243	419	3/22/93	0.41	98
QA 791	3/20/93	850	<Standard	203	169	243	419	3/22/93	0.41	-98
QA 792	3/20/93	1000	<Standard	266	169	243	419	3/22/93	0.41	57
QA 793	3/20/93	1100	<Standard	255	169	243	419	3/22/93	0.41	30
QA 794	3/20/93	1135	<Standard	233	169	243	419	3/22/93	0.41	-25
QA 795	3/22/93	650	<Standard	257	169	243	419	3/22/93	0.41	34
QA 796	3/22/93	745	<Standard	250	169	243	419	3/22/93	0.41	17
QA 797	3/22/93	910	<Standard	237	169	243	419	3/22/93	0.41	-15
QA 798	3/22/93	935	<Standard	251	169	243	419	3/22/93	0.41	20
QA 799	3/22/93	1040	<Standard	279	169	243	419	3/22/93	0.41	89
QA 800	3/22/93	1230	<Standard	236	169	243	419	3/22/93	0.41	-17
QA 801	3/22/93	1330	<Standard	264	169	243	419	3/22/93	0.41	52
QA 802	3/22/93	1405	<Standard	234	169	243	419	3/22/93	0.41	-22
QA 803	3/22/93	1430	<Standard	243	169	243	419	3/22/93	0.41	0
QA 804	3/22/93	1545	<Standard	257	169	243	419	3/22/93	0.41	34
QA 805	3/22/93	1625	<Standard	243	169	243	419	3/22/93	0.41	0
QA 806	3/23/93	645	<Standard	249	202	253	430	3/23/93	0.41	-10
QA 807	3/23/93	810	<Standard	244	202	253	430	3/23/93	0.41	-22
QA 808	3/23/93	910	<Standard	267	202	253	430	3/23/93	0.41	34
QA 809	3/23/93	1015	<Standard	226	202	253	430	3/23/93	0.41	-66
QA 810	3/23/93	1040	<Standard	246	202	253	430	3/23/93	0.41	-17
QA 811	3/23/93	1200	<Standard	257	202	253	430	3/23/93	0.41	10
QA 812	3/23/93	1300	<Standard	277	202	253	430	3/23/93	0.41	59
QA 813	3/23/93	1400	<Standard	241	202	253	430	3/23/93	0.41	-29
QA 814	3/23/93	1520	<Standard	236	202	253	430	3/23/93	0.41	-42
QA 815	3/23/93	1610	<Standard	261	202	253	430	3/23/93	0.41	20
QA 816	3/23/93	1630	<Standard	231	202	253	430	3/23/93	0.41	-54
QA 817	3/24/93	1305	<Standard	238	213	255	404	3/25/93	0.34	-49
QA 818	3/24/93	1425	<Standard	263	213	255	404	3/25/93	0.34	23
QA 819	3/24/93	1540	<Standard	255	213	255	404	3/25/93	0.34	0
QA 820	3/24/93	1640	<Standard	282	213	255	404	3/25/93	0.34	79
QA 821	3/24/93	1705	<Standard	226	213	255	404	3/25/93	0.34	-84
QA 822	3/25/93	630	<Standard	274	213	255	404	3/25/93	0.34	55
QA 823	3/25/93	730	<Standard	290	213	255	404	3/25/93	0.34	102
QA 824	3/25/93	910	<Standard	232	213	255	404	3/25/93	0.34	-67
QA 825	3/25/93	1010	<Standard	244	213	255	404	3/25/93	0.34	-32

QA_SOILS.XLS

QA 826	3/25/93	1050	<Standard	276	213	255	404	3/25/93	0.34	61
QA 827	3/25/93	1215	<Standard	258	213	255	404	3/25/93	0.34	9
QA 828	3/25/93	1300	<Standard	239	213	255	404	3/25/93	0.34	-47
QA 829	3/25/93	1345	<Standard	275	213	255	404	3/25/93	0.34	58
QA 830	3/25/93	1505	<Standard	253	213	255	404	3/25/93	0.34	-6
QA 831	3/25/93	1605	<Standard	240	213	255	404	3/25/93	0.34	-44
QA 832	3/25/93	1632	<Standard	253	213	255	404	3/25/93	0.34	-6
QA832A	3/26/93	630	<Standard	240	206	243	406	3/26/93	0.38	-8
QA 833	3/26/93	850	<Standard	224	206	243	406	3/26/93	0.38	-51
QA 834	3/26/93	930	<Standard	255	206	243	406	3/26/93	0.38	32
QA 835	3/26/93	1050	<Standard	239	206	243	406	3/26/93	0.38	-11
QA 836	3/26/93	1305	<Standard	226	206	243	406	3/26/93	0.38	-45
QA 837	3/26/93	1320	<Standard	227	206	243	406	3/26/93	0.38	-43
QA 838	3/26/93	1350	<Standard	265	206	243	406	3/26/93	0.38	58
QA 839	3/26/93	1505	<Standard	258	206	243	406	3/26/93	0.38	40
QA 840	3/26/93	1540	<Standard	253	206	243	406	3/26/93	0.38	27
QA 841	3/27/93	715	<Standard	244	198	250	425	3/27/93	0.40	-15
QA 842	3/27/93	845	<Standard	352	198	250	425	3/27/93	0.40	253
QA 843	3/27/93	920	<Standard	277	198	250	425	3/27/93	0.40	67
QA 844	3/27/93	1010	<Standard	269	198	250	425	3/27/93	0.40	47
QA 845	3/27/93	1040	<Standard	248	198	250	425	3/27/93	0.40	-5
QA 846	3/27/93	1215	<Standard	257	198	250	425	3/27/93	0.40	17
QA 847	3/27/93	1340	<Standard	279	198	250	425	3/27/93	0.40	72
QA 848	3/27/93	1350	<Standard	288	198	250	425	3/27/93	0.40	94
QA 849	3/29/93	710	<Standard	243	228	256	412	3/29/93	0.36	-36
QA 850	3/29/93	745	<Standard	240	228	256	412	3/29/93	0.36	-44
QA 851	3/29/93	840	<Standard	228	228	256	412	3/29/93	0.36	-78
QA 852	3/29/93	1320	<Standard	243	228	256	412	3/29/93	0.36	-36
QA 853	3/29/93	1440	<Standard	238	228	256	412	3/29/93	0.36	-50
QA 854	3/29/93	1515	<Standard	259	228	256	412	3/29/93	0.36	8
QA 855	3/29/93	1540	<Standard	230	228	256	412	3/29/93	0.36	-72
QA 856	3/29/93	1630	<Standard	244	228	256	412	3/29/93	0.36	-33
QA 857	3/29/93	1700	<Standard	250	228	256	412	3/29/93	0.36	-17
QA 858	3/30/93	720	<Standard	242	199	255	415	3/30/93	0.37	-35
QA 859	3/30/93	800	<Standard	260	199	255	415	3/30/93	0.37	14
QA 860	3/30/93	900	<Standard	271	199	255	415	3/30/93	0.37	43
QA 861	3/30/93	950	<Standard	210	199	255	415	3/30/93	0.37	-122
QA 862	3/30/93	1100	<Standard	270	199	255	415	3/30/93	0.37	41
QA 863	3/30/93	1200	<Standard	262	199	255	415	3/30/93	0.37	19
QA 864	3/30/93	1300	<Standard	222	199	255	415	3/30/93	0.37	-89
QA 865	3/30/93	1400	<Standard	293	199	255	415	3/30/93	0.37	103
QA 866	3/30/93	1500	<Standard	251	199	255	415	3/30/93	0.37	-11
QA 867	3/30/93	1610	<Standard	270	199	255	415	3/30/93	0.37	41
QA 868	3/31/93	700	<Standard	239	209	264	435	3/31/93	0.39	-63
QA 869	3/31/93	805	<Standard	317	209	264	435	3/31/93	0.39	134
QA 870	3/31/93	900	<Standard	421	209	264	435	3/31/93	0.39	398
QA 871	3/31/93	1000	<Standard	217	209	264	435	3/31/93	0.39	-119
QA 872	3/31/93	1100	<Standard	238	209	264	435	3/31/93	0.39	-66
QA 873	3/31/93	1220	<Standard	241	209	264	435	3/31/93	0.39	-58
QA 874	3/31/93	1320	<Standard	270	209	264	435	3/31/93	0.39	15
QA 875	3/31/93	1400	<Standard	264	209	264	435	3/31/93	0.39	0
QA 876	3/31/93	1450	<Standard	245	209	264	435	3/31/93	0.39	-48
QA 877	3/31/93	1600	<Standard	261	209	264	435	3/31/93	0.39	-8
QA 878	4/1/93	800	<Standard	255	201	243	434	4/1/93	0.44	27
QA 879	4/1/93	850	<Standard	252	201	243	434	4/1/93	0.44	20
QA 880	4/1/93	915	<Standard	219	201	243	434	4/1/93	0.44	-54

QA_SOILS.XLS

QA 881	4/1/93	1020	<Standard	249	201	243	434	4/1/93	0.44	14
QA 882	4/1/93	1100	<Standard	240	201	243	434	4/1/93	0.44	-7
QA 883	4/1/93	1200	<Standard	260	201	243	434	4/1/93	0.44	39
QA 884	4/1/93	1250	<Standard	241	201	243	434	4/1/93	0.44	-5
QA 885	4/1/93	1300	<Standard	269	201	243	434	4/1/93	0.44	59
QA 886	4/1/93	1450	<Standard	256	201	243	434	4/1/93	0.44	29
QA 887	4/1/93	1550	<Standard	257	201	243	434	4/1/93	0.44	32
QA 888	4/1/93	1625	<Standard	263	201	243	434	4/1/93	0.44	45
QA 889	4/2/93	810	<Standard	284	204	236	443	4/2/93	0.48	100
QA 890	4/2/93	930	<Standard	256	204	236	443	4/2/93	0.48	42
QA 891	4/2/93	1005	<Standard	249	204	236	443	4/2/93	0.48	27
QA 892	4/2/93	1110	<Standard	231	204	236	443	4/2/93	0.48	-10
QA 893	4/3/93	730	<Standard	298	212	254	419	4/3/93	0.38	116
QA 894	4/3/93	800	<Standard	273	212	254	419	4/3/93	0.38	50
QA 895	4/3/93	900	<Standard	260	212	254	419	4/3/93	0.38	16
QA 896	4/3/93	1000	<Standard	226	212	254	419	4/3/93	0.38	-74
QA 897	4/3/93	1030	<Standard	250	212	254	419	4/3/93	0.38	-11
QA 898	4/3/93	1200	<Standard	257	212	254	419	4/3/93	0.38	8
QA 899	4/3/93	1305	<Standard	264	212	254	419	4/3/93	0.38	26
QA 900	4/3/93	1410	<Standard	245	212	254	419	4/3/93	0.38	-24
QA 901	4/5/93	700	<Standard	268	186	252	405	4/5/93	0.35	45
QA 902	4/5/93	745	<Standard	294	186	252	405	4/5/93	0.35	119
QA 903	4/5/93	915	<Standard	272	186	252	405	4/5/93	0.35	57
QA 904	4/5/93	935	<Standard	266	186	252	405	4/5/93	0.35	40
QA 905	4/5/93	110	<Standard	197	186	252	405	4/5/93	0.35	-156
QA 906	4/5/93	1150	<Standard	267	186	252	405	4/5/93	0.35	42
QA 907	4/5/93	1300	<Standard	268	186	252	405	4/5/93	0.35	45
QA 908	4/5/93	1355	<Standard	243	186	252	405	4/5/93	0.35	-25
QA 909	4/5/93	1500	<Standard	230	186	252	405	4/5/93	0.35	-62
QA 910	4/6/93	700	<Standard	244	198	238	455	4/6/93	0.50	12
QA 911	4/6/93	815	<Standard	268	198	238	455	4/6/93	0.50	60
QA 912	4/6/93	850	<Standard	261	198	238	455	4/6/93	0.50	46
QA 913	4/6/93	1000	<Standard	267	198	238	455	4/6/93	0.50	58
QA 914	4/6/93	1045	<Standard	232	198	238	455	4/6/93	0.50	-12
QA 915	4/6/93	1145	<Standard	229	198	238	455	4/6/93	0.50	-18
QA 916	4/6/93	1230	<Standard	254	198	238	455	4/6/93	0.50	32
QA 917	4/6/93	1335	<Standard	266	198	238	455	4/6/93	0.50	56
QA 918	4/6/93	1430	<Standard	283	198	238	455	4/6/93	0.50	90
QA 919	4/6/93	1550	<Standard	274	198	238	455	4/6/93	0.50	72
QA 920	4/7/93	700	<Standard	278	197	217	412	4/7/93	0.45	136
QA 921	4/7/93	750	<Standard	281	197	217	412	4/7/93	0.45	142
QA 922	4/7/93	850	<Standard	263	197	217	412	4/7/93	0.45	102
QA 923	4/7/93	1000	<Standard	252	197	217	412	4/7/93	0.45	78
QA 924	4/7/93	1040	<Standard	243	197	217	412	4/7/93	0.45	58
QA 925	4/7/93	1210	<Standard	266	197	217	412	4/7/93	0.45	109
QA 926	4/7/93	1240	<Standard	245	197	217	412	4/7/93	0.45	62
QA 927	4/7/93	1425	<Standard	255	197	217	412	4/7/93	0.45	84
QA 928	4/8/93	700	<Standard	319	213	218	404	4/8/93	0.43	235
QA 929	4/8/93	800	<Standard	266	213	218	404	4/8/93	0.43	112
QA 930	4/8/93	900	<Standard	269	213	218	404	4/8/93	0.43	119
QA 931	4/8/93	1225	<Standard	260	213	218	404	4/8/93	0.43	98
QA 932	4/8/93	1247	<Standard	253	213	218	404	4/8/93	0.43	82
QA 933	4/10/93	710	<Standard	258	173	246	423	4/10/93	0.41	29
QA 934	4/10/93	825	<Standard	244	173	246	423	4/10/93	0.41	-5
QA 935	4/10/93	1000	<Standard	259	173	246	423	4/10/93	0.41	32
QA 936	4/10/93	1045	<Standard	251	173	246	423	4/10/93	0.41	12

QA_SOILS.XLS

QA 937	4/10/93	1155	< Standard	232	173	246	423	4/10/93	0.41	-34
QA 938	4/10/93	1225	< Standard	241	173	246	423	4/10/93	0.41	-12
QA 939	4/10/93	1345	< Standard	259	173	246	423	4/10/93	0.41	32
QA 940	4/10/93	1450	> Standard	777	173	246	423	4/10/93	0.41	1300
QA 941	4/12/93	720	< Standard	256	203	222	400	4/12/93	0.41	83
QA 942	4/12/93	910	< Standard	239	203	222	400	4/12/93	0.41	41
QA 943	4/12/93	935	< Standard	280	203	222	400	4/12/93	0.41	141
QA 944	4/12/93	1035	< Standard	309	203	222	400	4/12/93	0.41	212
QA 945	4/12/93	1230	< Standard	286	203	222	400	4/12/93	0.41	156
QA 946	4/12/93	1315	< Standard	280	203	222	400	4/12/93	0.41	141
QA 947	4/12/93	1445	< Standard	250	203	222	400	4/12/93	0.41	68
QA 948	4/12/93	1520	> Standard	789	203	222	400	4/12/93	0.41	1380
QA 949	4/13/93	745	< Standard	279	201	253	431	4/13/93	0.41	63
QA 950	4/13/93	830	< Standard	298	201	253	431	4/13/93	0.41	110
QA 951	4/13/93	905	< Standard	278	201	253	431	4/13/93	0.41	61
QA 952	4/13/93	1000	< Standard	281	201	253	431	4/13/93	0.41	68
QA 953	4/13/93	1050	< Standard	228	201	253	431	4/13/93	0.41	-61
QA 954	4/13/93	1200	< Standard	259	201	253	431	4/13/93	0.41	15
QA 955	4/13/93	1325	< Standard	379	201	253	431	4/13/93	0.41	307
QA 956	4/13/93	1435	< Standard	263	201	253	431	4/13/93	0.41	24
QA 957	4/13/93	1530	< Standard	213	201	253	431	4/13/93	0.41	-97
QA 958	4/13/93	1633	< Standard	283	201	253	431	4/13/93	0.41	73
QA 959	4/14/93	1235	< Standard	296	211	252	442	4/16/93	0.44	100
QA 960	4/14/93	1330	< Standard	255	211	252	442	4/16/93	0.44	7
QA 961	4/14/93	1440	< Standard	225	211	252	442	4/16/93	0.44	-62
QA 962	4/14/93	1450	< Standard	234	211	252	442	4/16/93	0.44	-41
QA 963	4/14/93	1535	< Standard	247	211	252	442	4/16/93	0.44	-11
QA 964	4/15/93	715	< Standard	249	211	252	442	4/16/93	0.44	-7
QA 965	4/16/93	1030	< Standard	231	211	252	442	4/16/93	0.44	-48
QA 966	4/16/93	1050	< Standard	261	211	252	442	4/16/93	0.44	21
QA 967	4/16/93	1155	< Standard	264	211	252	442	4/16/93	0.44	27
QA 968	4/16/93	1340	< Standard	280	211	252	442	4/16/93	0.44	64
QA 969	4/17/93	730	< Standard	290	176	210	399	4/17/93	0.44	183
QA 970	4/17/93	850	< Standard	242	176	210	399	4/17/93	0.44	73
QA 971	4/17/93	950	< Standard	280	176	210	399	4/17/93	0.44	160
QA 972	4/17/93	1035	< Standard	286	176	210	399	4/17/93	0.44	174
QA 973	4/17/93	1153	< Standard	245	176	210	399	4/17/93	0.44	80
QA 974	4/17/93	1300	< Standard	263	176	210	399	4/17/93	0.44	121
QA 975	4/17/93	1440	< Standard	289	176	210	399	4/17/93	0.44	181
QA 976	4/19/93	700	< Standard	258	212	216	410	4/19/93	0.45	94
QA 977	4/19/93	810	< Standard	283	212	216	410	4/19/93	0.45	150
QA 978	4/19/93	915	< Standard	233	212	216	410	4/19/93	0.45	38
QA 979	4/19/93	1000	< Standard	289	212	216	410	4/19/93	0.45	163
QA 980	4/19/93	1050	< Standard	249	212	216	410	4/19/93	0.45	74
QA 981	4/19/93	1200	< Standard	306	212	216	410	4/19/93	0.45	201
QA 982	4/19/93	1250	< Standard	266	212	216	410	4/19/93	0.45	112
QA 983	4/19/93	1600	< Standard	256	212	216	410	4/19/93	0.45	89
QA 984	4/20/93	645	< Standard	281	190	236	411	4/21/93	0.40	111
QA 985	4/20/93	745	< Standard	254	190	236	411	4/21/93	0.40	45
QA 986	4/20/93	900	< Standard	252	190	236	411	4/21/93	0.40	40
QA 987	4/20/93	1000	< Standard	260	190	236	411	4/21/93	0.40	59
QA 988	4/20/93	1100	< Standard	246	190	236	411	4/21/93	0.40	25
QA 989	4/20/93	1200	< Standard	261	190	236	411	4/21/93	0.40	62
QA 990	4/20/93	1300	< Standard	242	190	236	411	4/21/93	0.40	15
QA 991	4/20/93	1400	< Standard	288	190	236	411	4/21/93	0.40	129
QA 992	4/20/93	1500	< Standard	258	190	236	411	4/21/93	0.40	54

QA_SOILS.XLS

QA 993	4/20/93	1600	<Standard	257	190	236	411	4/21/93	0.40	52
QA 994	4/21/93	635	<Standard	264	190	236	411	4/21/93	0.40	69
QA 995	4/21/93	730	<Standard	290	190	236	411	4/21/93	0.40	134
QA 996	4/21/93	840	<Standard	244	190	236	411	4/21/93	0.40	20
QA 997	4/21/93	1000	<Standard	245	190	236	411	4/21/93	0.40	22
QA 998	4/21/93	1030	<Standard	249	190	236	411	4/21/93	0.40	32
QA 999	4/21/93	1150	<Standard	258	190	236	411	4/21/93	0.40	54
QA 1000	4/21/93	1230	<Standard	261	190	236	411	4/21/93	0.40	62
QA 1001	4/21/93	1340	<Standard	237	190	236	411	4/21/93	0.40	2
QA 1002	4/21/93	1500	<Standard	253	190	236	411	4/21/93	0.40	42
QA 1003	4/22/93	650	<Standard	248	191	236	398	4/22/93	0.37	32
QA 1004	4/22/93	810	<Standard	262	191	236	398	4/22/93	0.37	70
QA 1005	4/22/93	845	<Standard	238	191	236	398	4/22/93	0.37	5
QA 1006	4/22/93	1015	<Standard	266	191	236	398	4/22/93	0.37	80
QA 1007	4/22/93	1145	<Standard	279	191	236	398	4/22/93	0.37	115
QA 1008	4/22/93	1300	<Standard	264	191	236	398	4/22/93	0.37	75
QA 1009	4/22/93	1400	<Standard	255	191	236	398	4/22/93	0.37	51
QA 1010	4/22/93	1435	<Standard	253	191	236	398	4/22/93	0.37	45
QA 1011	4/22/93	1535	<Standard	271	191	236	398	4/22/93	0.37	94
QA1011A	4/23/93	640	<Standard	234	180	242	419	4/23/93	0.41	-20
QA 1012	4/23/93	815	<Standard	226	180	242	419	4/23/93	0.41	-39
QA 1013	4/23/93	845	<Standard	260	180	242	419	4/23/93	0.41	44
QA 1014	4/23/93	1000	<Standard	231	180	242	419	4/23/93	0.41	-27
QA 1015	4/23/93	1045	<Standard	279	180	242	419	4/23/93	0.41	91
QA 1016	4/23/93	1150	<Standard	282	180	242	419	4/23/93	0.41	98
QA 1017	4/23/93	1235	<Standard	281	180	242	419	4/23/93	0.41	95
QA 1018	4/23/93	1435	<Standard	257	180	242	419	4/23/93	0.41	37
QA 1019	4/23/93	1600	>Standard	1379	180	242	419	4/23/93	0.41	2783
QA 1020	4/23/93	1600	<Standard	257	180	242	419	4/23/93	0.41	37
QA 1021	4/24/93	1540	<Standard	271	213	240	409	4/24/93	0.39	79
QA 1022	4/24/93	1615	<Standard	242	213	240	409	4/24/93	0.39	5
QA 1023	4/26/93	630	<Standard	285	204	228	425	4/26/93	0.45	125
QA 1024	4/26/93	815	<Standard	255	204	228	425	4/26/93	0.45	59
QA 1025	4/26/93	845	<Standard	248	204	228	425	4/26/93	0.45	44
QA 1026	4/26/93	945	<Standard	268	204	228	425	4/26/93	0.45	88
QA 1027	4/26/93	1145	<Standard	269	204	228	425	4/26/93	0.45	90
QA 1028	4/26/93	1200	<Standard	278	204	228	425	4/26/93	0.45	110
QA 1029	4/26/93	1300	<Standard	231	204	228	425	4/26/93	0.45	7
QA 1030	4/26/93	1400	<Standard	306	204	228	425	4/26/93	0.45	172
QA 1031	4/26/93	1435	<Standard	268	204	228	425	4/26/93	0.45	88
QA 1032	4/26/93	1540	<Standard	258	204	228	425	4/26/93	0.45	66
QA 1033	4/27/93	700	<Standard	270	209	247	404	4/27/93	0.36	63
QA 1034	4/27/93	800	<Standard	243	209	247	404	4/27/93	0.36	-11
QA 1035	4/27/93	830	<Standard	256	209	247	404	4/27/93	0.36	25
QA 1036	4/27/93	945	<Standard	254	209	247	404	4/27/93	0.36	19
QA 1037	4/27/93	1220	<Standard	262	209	247	404	4/27/93	0.36	41
QA 1038	4/27/93	1300	<Standard	240	209	247	404	4/27/93	0.36	-19
QA 1039	4/27/93	1400	<Standard	315	209	247	404	4/27/93	0.36	188
QA 1040	4/28/93	630	<Standard	282	180	236	409	4/28/93	0.40	115
QA 1041	4/28/93	750	<Standard	255	180	236	409	4/28/93	0.40	48
QA 1042	4/28/93	830	<Standard	257	180	236	409	4/28/93	0.40	53
QA 1043	4/28/93	955	<Standard	285	180	236	409	4/28/93	0.40	123
QA 1044	4/28/93	1040	<Standard	425	180	236	409	4/28/93	0.40	473
QA 1045	4/28/93	1210	<Standard	276	180	236	409	4/28/93	0.40	100
QA 1046	4/28/93	1230	<Standard	259	180	236	409	4/28/93	0.40	58
QA 1047	4/28/93	1330	<Standard	246	180	236	409	4/28/93	0.40	25

QA_SOILS.XLS

QA 1048	4/28/93	1430	<Standard	253	180	236	409	4/28/93	0.40	43
QA 1049	4/28/93	1600	<Standard	276	180	236	409	4/28/93	0.40	100
QA 1050	4/28/93	1620	<Standard	294	180	236	409	4/28/93	0.40	145
QA 1051	4/29/93	645	<Standard	246	169	250	412	4/29/93	0.37	-11
QA 1052	4/29/93	750	<Standard	287	169	250	412	4/29/93	0.37	99
QA 1053	4/29/93	850	<Standard	296	169	250	412	4/29/93	0.37	123
QA 1054	4/29/93	945	<Standard	271	169	250	412	4/29/93	0.37	56
QA 1055	4/29/93	1045	<Standard	270	169	250	412	4/29/93	0.37	53
QA 1056	4/29/93	1220	<Standard	241	169	250	412	4/29/93	0.37	-24
QA 1057	4/29/93	1240	<Standard	270	169	250	412	4/29/93	0.37	53
QA 1058	4/30/93	700	<Standard	239	206	249	404	5/3/93	0.36	-28
QA 1059	4/30/93	820	<Standard	254	206	249	404	5/3/93	0.36	14
QA 1060	4/30/93	900	<Standard	236	206	249	404	5/3/93	0.36	-36
QA 1061	4/30/93	1000	<Standard	237	206	249	404	5/3/93	0.36	-34
QA 1062	4/30/93	1040	<Standard	260	206	249	404	5/3/93	0.36	31
QA 1063	4/30/93	1200	<Standard	239	206	249	404	5/3/93	0.36	-28
QA 1064	4/30/93	1245	<Standard	275	206	249	404	5/3/93	0.36	73
QA 1065	4/30/93	1400	<Standard	272	206	249	404	5/3/93	0.36	64
QA 1066	4/30/93	1500	<Standard	244	206	249	404	5/3/93	0.36	-14
QA 1067	4/30/93	1610	<Standard	262	206	249	404	5/3/93	0.36	36
QA 1068	5/1/93	645	<Standard	260	206	249	404	5/3/93	0.36	31
QA 1069	5/1/93	730	<Standard	249	206	249	404	5/3/93	0.36	0
QA 1070	5/1/93	830	<Standard	276	206	249	404	5/3/93	0.36	75
QA 1071	5/1/93	930	<Standard	255	206	249	404	5/3/93	0.36	17
QA 1072	5/1/93	1030	<Standard	335	206	249	404	5/3/93	0.36	240
QA 1073	5/1/93	1140	<Standard	249	206	249	404	5/3/93	0.36	0
QA 1074	5/1/93	1235	<Standard	245	206	249	404	5/3/93	0.36	-11
QA 1075	5/1/93	1330	>Standard	406	206	249	404	5/3/93	0.36	439
QA 1076	5/3/93	720	<Standard	237	206	249	404	5/3/93	0.36	-34
QA 1077	5/3/93	800	<Standard	267	206	249	404	5/3/93	0.36	50
QA 1078	5/3/93	900	<Standard	257	206	249	404	5/3/93	0.36	22
QA 1079	5/3/93	935	<Standard	263	206	249	404	5/3/93	0.36	39
QA 1080	5/3/93	1030	<Standard	285	206	249	404	5/3/93	0.36	101
QA 1081	5/3/93	1150	<Standard	274	206	249	404	5/3/93	0.36	70
QA 1082	5/3/93	1250	<Standard	264	206	249	404	5/3/93	0.36	42
QA 1083	5/3/93	1400	<Standard	314	206	249	404	5/3/93	0.36	182
QA 1084	5/3/93	1500	<Standard	284	206	249	404	5/3/93	0.36	98
QA 1085	5/3/93	1625	<Standard	243	206	249	404	5/3/93	0.36	-17
QA 1086	5/4/93	645	<Standard	255	199	232	374	5/4/93	0.33	70
QA 1087	5/4/93	800	<Standard	275	199	232	374	5/4/93	0.33	131
QA 1088	5/4/93	900	<Standard	234	199	232	374	5/4/93	0.33	6
QA 1089	5/4/93	950	<Standard	255	199	232	374	5/4/93	0.33	70
QA 1090	5/4/93	1040	<Standard	269	199	232	374	5/4/93	0.33	113
QA 1091	5/4/93	1600	<Standard	280	199	232	374	5/4/93	0.33	146
QA 1092	5/5/93	650	<Standard	273	195	223	423	5/5/93	0.46	108
QA 1093	5/5/93	750	<Standard	252	195	223	423	5/5/93	0.46	63
QA 1094	5/5/93	840	<Standard	224	195	223	423	5/5/93	0.46	2
QA 1095	5/5/93	920	<Standard	299	195	223	423	5/5/93	0.46	165
QA 1096	5/5/93	1030	<Standard	251	195	223	423	5/5/93	0.46	61
QA 1097	5/5/93	1245	<Standard	235	195	223	423	5/5/93	0.46	26
QA 1098	5/5/93	1300	<Standard	269	195	223	423	5/5/93	0.46	100
QA 1099	5/5/93	1410	<Standard	254	195	223	423	5/5/93	0.46	67
QA 1100	5/5/93	1500	<Standard	302	195	223	423	5/5/93	0.46	171
QA 1101	5/5/93	1615	<Standard	248	195	223	423	5/5/93	0.46	54
QA 1102	5/6/93	710	<Standard	258	185	279	433	5/6/93	0.36	-59
QA 1103	5/6/93	745	<Standard	299	185	279	433	5/6/93	0.36	56

QA_SOILS.XLS


QA 1104	5/6/93	845	< Standard	245	185	279	433	5/6/93	0.36	-96
QA 1105	5/6/93	945	< Standard	290	185	279	433	5/6/93	0.36	31
QA 1106	5/6/93	1045	< Standard	285	185	279	433	5/6/93	0.36	17
QA 1107	5/6/93	1150	< Standard	298	185	279	433	5/6/93	0.36	53
QA 1108	5/6/93	1245	< Standard	289	185	279	433	5/6/93	0.36	28
QA 1109	5/6/93	1330	< Standard	401	185	279	433	5/6/93	0.36	343
QA 1110	5/6/93	1430	< Standard	260	185	279	433	5/6/93	0.36	-53
QA 1111	5/6/93	1600	< Standard	238	185	279	433	5/6/93	0.36	-115
QA 1112	5/7/93	700	< Standard	254	198	251	401	5/7/93	0.35	9
QA 1113	5/7/93	800	< Standard	274	198	251	401	5/7/93	0.35	66
QA 1114	5/7/93	900	< Standard	243	198	251	401	5/7/93	0.35	-23
QA 1115	5/7/93	1050	< Standard	264	198	251	401	5/7/93	0.35	38
QA 1116	5/7/93	1150	< Standard	258	198	251	401	5/7/93	0.35	20
QA 1117	5/7/93	1250	< Standard	297	198	251	401	5/7/93	0.35	133
QA 1118	5/8/93	700	< Standard	246	206	241	400	5/8/93	0.37	14
QA 1119	5/8/93	800	< Standard	250	206	241	400	5/8/93	0.37	25
QA 1120	5/8/93	900	< Standard	241	206	241	400	5/8/93	0.37	0
QA 1121	5/8/93	1155	< Standard	269	206	241	400	5/8/93	0.37	76
QA 1122	5/10/93	700	< Standard	280	202	239	400	5/10/93	0.37	110
QA 1123	5/10/93	730	< Standard	249	202	239	400	5/10/93	0.37	27
QA 1124	5/10/93	830	< Standard	260	202	239	400	5/10/93	0.37	57
QA 1125	5/10/93	940	< Standard	259	202	239	400	5/10/93	0.37	54
QA 1126	5/10/93	1045	< Standard	252	202	239	400	5/10/93	0.37	35
QA 1127	5/10/93	1245	< Standard	272	202	239	400	5/10/93	0.37	89
QA 1128	5/10/93	1410	< Standard	237	202	239	400	5/10/93	0.37	-5
QA 1129	5/10/93	1500	< Standard	247	202	239	400	5/10/93	0.37	22
QA 1130	5/10/93	1615	< Standard	276	202	239	400	5/10/93	0.37	100
QA 1131	5/11/93	630	> Standard	558	197	227	420	5/11/93	0.45	743
QA 1132	5/11/93	730	< Standard	237	197	227	420	5/11/93	0.45	22
QA 1133	5/11/93	900	< Standard	257	197	227	420	5/11/93	0.45	67
QA 1134	5/11/93	945	< Standard	229	197	227	420	5/11/93	0.45	4
QA 1135	5/11/93	1150	< Standard	288	197	227	420	5/11/93	0.45	137
QA 1136	5/11/93	1400	< Standard	255	197	227	420	5/11/93	0.45	63
QA 1137	5/11/93	1430	< Standard	259	197	227	420	5/11/93	0.45	72
QA 1138	5/12/93	630	< Standard	246	165	240	396	5/12/93	0.36	17
QA 1139	5/12/93	735	< Standard	258	165	240	396	5/12/93	0.36	50
QA 1140	5/12/93	900	< Standard	243	165	240	396	5/12/93	0.36	8
QA 1141	5/12/93	1215	< Standard	251	165	240	396	5/12/93	0.36	31
QA 1142	5/12/93	1320	< Standard	258	165	240	396	5/12/93	0.36	50
QA 1143	5/12/93	1430	< Standard	244	165	240	396	5/12/93	0.36	11
QA 1144	5/12/93	1530	< Standard	249	165	240	396	5/12/93	0.36	25
QA 1145	5/13/93	800	< Standard	271	198	209	430	5/13/93	0.51	122
QA 1146	5/13/93	900	< Standard	230	198	209	430	5/13/93	0.51	41
QA 1147	5/13/93	1000	< Standard	241	198	209	430	5/13/93	0.51	63
QA 1148	5/13/93	1100	< Standard	256	198	209	430	5/13/93	0.51	92
QA 1149	5/13/93	1200	< Standard	264	198	209	430	5/13/93	0.51	108
QA 1150	5/13/93	1300	< Standard	244	198	209	430	5/13/93	0.51	69
QA 1151	5/13/93	1345	< Standard	284	198	209	430	5/13/93	0.51	147
QA 1152	5/13/93	1445	< Standard	262	198	209	430	5/13/93	0.51	104
QA 1153	5/13/93	1545	< Standard	260	198	209	430	5/13/93	0.51	100
QA 1154	5/14/93	630	< Standard	279	193	213	401	5/14/93	0.43	152
QA 1155	5/14/93	805	< Standard	234	193	213	401	5/14/93	0.43	48
QA 1156	5/14/93	850	< Standard	244	193	213	401	5/14/93	0.43	71
QA 1157	5/14/93	1030	< Standard	243	193	213	401	5/14/93	0.43	69
QA 1158	5/14/93	1250	< Standard	255	193	213	401	5/14/93	0.43	97
QA 1159	5/14/93	1420	< Standard	265	193	213	401	5/14/93	0.43	120

QA_SOILS.XLS

QA 1160	5/14/93	1515	<Standard	249	193	213	401	5/14/93	0.43	83
QA 1161	5/14/93	1620	<Standard	251	193	213	401	5/14/93	0.43	88
QA 1162	5/15/93	515	<Standard	244	190	228	396	5/15/93	0.39	41
QA 1163	5/15/93	615	<Standard	256	190	228	396	5/15/93	0.39	72
QA 1164	5/15/93	745	<Standard	238	190	228	396	5/15/93	0.39	26
QA 1165	5/15/93	845	<Standard	340	190	228	396	5/15/93	0.39	289
QA 1166	5/15/93	930	<Standard	276	190	228	396	5/15/93	0.39	124
QA 1167	5/15/93	1015	<Standard	269	190	228	396	5/15/93	0.39	106
QA 1168	5/15/93	1235	<Standard	262	190	228	396	5/15/93	0.39	88
QA 1169	5/15/93	1415	<Standard	239	190	228	396	5/15/93	0.39	28

DOCUMENTATION OF QUALITY CONTROL SAMPLE RESULTS

I certify that all Quality Control Samples entered in the Sample Logbook were taken from the "clean" soil pile. All samples were analyzed and found to be below the DNA soil contamination criteria of 500 Becquerels per kilogram except for the five samples identified by number on the sample results form, and reported to TMA management. Data for samples numbered QA 517 through QA 530 was not found in the file. I certify that these samples were analyzed and found to be below the contamination limits as stated.



(signed) Michael Dillon
QA/QC Technician
TMA/Eberline, Johnston Atoll

7-19-93

Date

APPENDIX F

DENSITY MEASUREMENTS

DENSITY		MEASUREMENTS			REMARKS
DATE	TIME	RESULT	CT TIME	DENSITY	
15-Feb	947	1.83E+04	0:01:00	1.353	
15-Feb	948	1.86E+04	0:01:00	1.326	
15-Feb	949	1.85E+04	0:01:00	1.335	
15-Feb	951	1.92E+04	0:01:00	1.272	
15-Feb	952	1.98E+04	0:01:00	1.221	
15-Feb	953	1.99E+04	0:01:00	1.212	
15-Feb	954	2.03E+04	0:01:00	1.179	
15-Feb	955	2.05E+04	0:01:00	1.162	
15-Feb	956	2.01E+04	0:01:00	1.196	
15-Feb	957	1.99E+04	0:01:00	1.212	
15-Feb	958	1.99E+04	0:01:00	1.212	
15-Feb	959	1.91E+04	0:01:00	1.281	
15-Feb	1000	1.82E+04	0:01:00	1.362	
15-Feb	1001	1.83E+04	0:01:00	1.353	
15-Feb	1002	1.85E+04	0:01:00	1.335	
15-Feb	1003	1.82E+04	0:01:00	1.362	
15-Feb	1004	1.92E+04	0:01:00	1.272	
15-Feb	1005	1.95E+04	0:01:00	1.246	
15-Feb	1006	1.91E+04	0:01:00	1.281	
15-Feb	1007	1.90E+04	0:01:00	1.290	
15-Feb	1008	1.87E+04	0:01:00	1.317	
15-Feb	1009	1.88E+04	0:01:00	1.308	
15-Feb	1010	1.91E+04	0:01:00	1.281	
15-Feb	1011	1.95E+04	0:01:00	1.246	
15-Feb	1012	1.96E+04	0:01:00	1.238	
15-Feb	1013	1.91E+04	0:01:00	1.281	
15-Feb	1014	1.93E+04	0:01:00	1.264	
15-Feb	1015	1.93E+04	0:01:00	1.264	
15-Feb	1016	1.99E+04	0:01:00	1.212	
15-Feb	1017	2.04E+04	0:01:00	1.171	
15-Feb	1018	2.12E+04	0:01:00	1.106	
15-Feb	1019	2.17E+04	0:01:00	1.067	
15-Feb	1020	2.11E+04	0:01:00	1.114	
15-Feb	1021	2.08E+04	0:01:00	1.138	
15-Feb	1022	2.03E+04	0:01:00	1.179	
15-Feb	1023	2.10E+04	0:01:00	1.122	
15-Feb	1025	2.11E+04	0:01:00	1.114	
15-Feb	1026	1.99E+04	0:01:00	1.212	
15-Feb	1027	2.00E+04	0:01:00	1.204	
15-Feb	1028	1.98E+04	0:01:00	1.221	
15-Feb	1029	1.99E+04	0:01:00	1.212	
15-Feb	1030	2.00E+04	0:01:00	1.204	

15-Feb	1031	1.97E+04	0:01:00	1.229
15-Feb	1032	1.96E+04	0:01:00	1.238
15-Feb	1033	1.93E+04	0:01:00	1.264
15-Feb	1034	2.02E+04	0:01:00	1.187
15-Feb	1035	2.04E+04	0:01:00	1.171
15-Feb	1036	2.05E+04	0:01:00	1.162
15-Feb	1037	1.99E+04	0:01:00	1.212
15-Feb	1038	2.00E+04	0:01:00	1.204
15-Feb	1039	1.92E+04	0:01:00	1.272
15-Feb	1040	1.88E+04	0:01:00	1.308
15-Feb	1041	1.95E+04	0:01:00	1.246
15-Feb	1042	1.97E+04	0:01:00	1.229
15-Feb	1043	1.97E+04	0:01:00	1.229
15-Feb	1044	2.04E+04	0:01:00	1.171
15-Feb	1045	2.04E+04	0:01:00	1.171
15-Feb	1046	2.04E+04	0:01:00	1.171
15-Feb	1047	2.01E+04	0:01:00	1.196
15-Feb	1048	2.02E+04	0:01:00	1.187
15-Feb	1049	2.00E+04	0:01:00	1.204
15-Feb	1050	1.90E+04	0:01:00	1.290
15-Feb	1051	1.87E+04	0:01:00	1.317
15-Feb	1052	1.85E+04	0:01:00	1.335
15-Feb	1053	1.81E+04	0:01:00	1.371
15-Feb	1054	1.82E+04	0:01:00	1.362
15-Feb	1055	1.82E+04	0:01:00	1.362
15-Feb	1056	1.83E+04	0:01:00	1.353
15-Feb	1057	1.82E+04	0:01:00	1.362
15-Feb	1059	1.83E+04	0:01:00	1.353
15-Feb	1100	1.85E+04	0:01:00	1.335
15-Feb	1101	1.87E+04	0:01:00	1.317
15-Feb	1102	1.85E+04	0:01:00	1.335
15-Feb	1103	1.87E+04	0:01:00	1.317
15-Feb	1104	1.87E+04	0:01:00	1.317
15-Feb	1105	1.99E+04	0:01:00	1.212
15-Feb	1106	1.94E+04	0:01:00	1.255
15-Feb	1107	1.90E+04	0:01:00	1.290
15-Feb	1108	1.77E+04	0:01:00	1.409
15-Feb	1109	1.88E+04	0:01:00	1.308
15-Feb	1110	1.92E+04	0:01:00	1.272
15-Feb	1111	1.95E+04	0:01:00	1.246
15-Feb	1112	2.00E+04	0:01:00	1.204
15-Feb	1113	1.98E+04	0:01:00	1.221
15-Feb	1114	2.01E+04	0:01:00	1.196
15-Feb	1115	2.01E+04	0:01:00	1.196
15-Feb	1116	1.99E+04	0:01:00	1.212
15-Feb	1117	2.01E+04	0:01:00	1.196
15-Feb	1118	2.00E+04	0:01:00	1.204
15-Feb	1119	2.02E+04	0:01:00	1.187
15-Feb	1120	1.97E+04	0:01:00	1.229

15-Feb	1121	2.01E+04	0:01:00	1.196
15-Feb	1122	2.03E+04	0:01:00	1.179
15-Feb	1123	2.08E+04	0:01:00	1.138
15-Feb	1124	2.03E+04	0:01:00	1.179
15-Feb	1125	1.98E+04	0:01:00	1.221
15-Feb	1126	1.98E+04	0:01:00	1.221
15-Feb	1127	1.99E+04	0:01:00	1.212
15-Feb	1128	1.98E+04	0:01:00	1.221
15-Feb	1129	1.96E+04	0:01:00	1.238
15-Feb	1130	1.93E+04	0:01:00	1.264
15-Feb	1131	1.89E+04	0:01:00	1.299
15-Feb	1133	1.90E+04	0:01:00	1.290
15-Feb	1134	1.91E+04	0:01:00	1.281
15-Feb	1135	1.87E+04	0:01:00	1.317
15-Feb	1136	1.86E+04	0:01:00	1.326
15-Feb	1137	1.87E+04	0:01:00	1.317
15-Feb	1138	1.88E+04	0:01:00	1.308
15-Feb	1139	1.85E+04	0:01:00	1.335
15-Feb	1140	1.85E+04	0:01:00	1.335
15-Feb	1141	1.83E+04	0:01:00	1.353
15-Feb	1142	1.83E+04	0:01:00	1.353
15-Feb	1143	1.87E+04	0:01:00	1.317
15-Feb	1144	1.85E+04	0:01:00	1.335
15-Feb	1145	1.87E+04	0:01:00	1.317
15-Feb	1146	1.87E+04	0:01:00	1.317
15-Feb	1147	1.86E+04	0:01:00	1.326
15-Feb	1148	1.87E+04	0:01:00	1.317
15-Feb	1149	1.90E+04	0:01:00	1.290
15-Feb	1150	1.87E+04	0:01:00	1.317
15-Feb	1151	1.88E+04	0:01:00	1.308
15-Feb	1152	1.90E+04	0:01:00	1.290
15-Feb	1153	1.88E+04	0:01:00	1.308
15-Feb	1154	1.91E+04	0:01:00	1.281
15-Feb	1155	1.91E+04	0:01:00	1.281
15-Feb	1156	1.88E+04	0:01:00	1.308
15-Feb	1157	1.84E+04	0:01:00	1.344
15-Feb	1158	1.89E+04	0:01:00	1.299
15-Feb	1159	1.89E+04	0:01:00	1.299
15-Feb	1200	1.93E+04	0:01:00	1.264
15-Feb	1201	1.92E+04	0:01:00	1.272
15-Feb	1202	1.87E+04	0:01:00	1.317
15-Feb	1203	1.90E+04	0:01:00	1.290
15-Feb	1204	1.82E+04	0:01:00	1.362
15-Feb	1206	1.86E+04	0:01:00	1.326
15-Feb	1207	1.91E+04	0:01:00	1.281
15-Feb	1208	1.91E+04	0:01:00	1.281
15-Feb	1209	1.86E+04	0:01:00	1.326
15-Feb	1210	1.90E+04	0:01:00	1.290
15-Feb	1211	1.96E+04	0:01:00	1.238

15-Feb	1212	1.95E+04	0:01:00	1.246
15-Feb	1213	1.95E+04	0:01:00	1.246
15-Feb	1214	1.99E+04	0:01:00	1.212
15-Feb	1215	1.98E+04	0:01:00	1.221
15-Feb	1216	1.97E+04	0:01:00	1.229
15-Feb	1217	1.95E+04	0:01:00	1.246
15-Feb	1218	1.88E+04	0:01:00	1.308
15-Feb	1219	1.92E+04	0:01:00	1.272
15-Feb	1220	1.89E+04	0:01:00	1.299
15-Feb	1221	1.86E+04	0:01:00	1.326
15-Feb	1222	1.90E+04	0:01:00	1.290
15-Feb	1223	1.90E+04	0:01:00	1.290
15-Feb	1224	1.86E+04	0:01:00	1.326
15-Feb	1225	1.87E+04	0:01:00	1.317
15-Feb	1226	1.90E+04	0:01:00	1.290
15-Feb	1227	1.92E+04	0:01:00	1.272
15-Feb	1228	1.91E+04	0:01:00	1.281
15-Feb	1229	1.92E+04	0:01:00	1.272
15-Feb	1230	1.95E+04	0:01:00	1.246
15-Feb	1231	1.96E+04	0:01:00	1.238
15-Feb	1232	1.92E+04	0:01:00	1.272
15-Feb	1233	1.91E+04	0:01:00	1.281
15-Feb	1234	1.86E+04	0:01:00	1.326
15-Feb	1235	1.88E+04	0:01:00	1.308
15-Feb	1236	1.87E+04	0:01:00	1.317
15-Feb	1237	1.86E+04	0:01:00	1.326
15-Feb	1238	1.91E+04	0:01:00	1.281
15-Feb	1240	1.93E+04	0:01:00	1.264
15-Feb	1241	1.95E+04	0:01:00	1.246
15-Feb	1242	1.95E+04	0:01:00	1.246
15-Feb	1243	1.94E+04	0:01:00	1.255
15-Feb	1244	1.94E+04	0:01:00	1.255
15-Feb	1245	1.93E+04	0:01:00	1.264
15-Feb	1246	1.95E+04	0:01:00	1.246
15-Feb	1247	1.93E+04	0:01:00	1.264
15-Feb	1248	1.96E+04	0:01:00	1.238
15-Feb	1249	1.93E+04	0:01:00	1.264
15-Feb	1250	1.92E+04	0:01:00	1.272
15-Feb	1251	1.96E+04	0:01:00	1.238
15-Feb	1252	1.99E+04	0:01:00	1.212
15-Feb	1253	1.98E+04	0:01:00	1.221
15-Feb	1254	1.96E+04	0:01:00	1.238
15-Feb	1255	1.97E+04	0:01:00	1.229
15-Feb	1256	1.99E+04	0:01:00	1.212
15-Feb	1257	2.00E+04	0:01:00	1.204
15-Feb	1258	2.02E+04	0:01:00	1.187
15-Feb	1259	2.01E+04	0:01:00	1.196
15-Feb	1300	2.04E+04	0:01:00	1.171
15-Feb	1301	2.01E+04	0:01:00	1.196

15-Feb	1302	3.34E+04	0:01:00	0.344	EMPTY BELT
15-Feb	1303	4.17E+04	0:01:00	-0.028	EMPTY BELT
15-Feb	1304	4.07E+04	0:01:00	0.012	EMPTY BELT
15-Feb	1305	1.87E+04	0:01:00	1.317	
15-Feb	1306	1.80E+04	0:01:00	1.381	
15-Feb	1307	1.79E+04	0:01:00	1.390	
15-Feb	1308	1.80E+04	0:01:00	1.381	
15-Feb	1309	1.75E+04	0:01:00	1.428	
15-Feb	1310	1.85E+04	0:01:00	1.335	
15-Feb	1311	1.87E+04	0:01:00	1.317	
15-Feb	1312	1.87E+04	0:01:00	1.317	
15-Feb	1314	1.89E+04	0:01:00	1.299	
15-Feb	1315	1.91E+04	0:01:00	1.281	
15-Feb	1316	1.88E+04	0:01:00	1.308	
15-Feb	1317	1.87E+04	0:01:00	1.317	
15-Feb	1318	1.88E+04	0:01:00	1.308	
15-Feb	1319	1.87E+04	0:01:00	1.317	
15-Feb	1320	1.92E+04	0:01:00	1.272	
15-Feb	1321	1.93E+04	0:01:00	1.264	
15-Feb	1322	1.90E+04	0:01:00	1.290	
15-Feb	1323	1.91E+04	0:01:00	1.281	
15-Feb	1324	1.95E+04	0:01:00	1.246	
15-Feb	1325	1.98E+04	0:01:00	1.221	
15-Feb	1326	1.92E+04	0:01:00	1.272	
15-Feb	1327	1.94E+04	0:01:00	1.255	
15-Feb	1328	1.89E+04	0:01:00	1.299	
15-Feb	1329	1.97E+04	0:01:00	1.229	
15-Feb	1330	1.91E+04	0:01:00	1.281	
15-Feb	1331	1.95E+04	0:01:00	1.246	
15-Feb	1332	1.89E+04	0:01:00	1.299	
15-Feb	1333	1.93E+04	0:01:00	1.264	
15-Feb	1334	1.87E+04	0:01:00	1.317	
15-Feb	1335	1.95E+04	0:01:00	1.246	
15-Feb	1336	1.93E+04	0:01:00	1.264	
15-Feb	1337	1.95E+04	0:01:00	1.246	
15-Feb	1338	1.96E+04	0:01:00	1.238	
15-Feb	1339	1.97E+04	0:01:00	1.229	
15-Feb	1340	1.95E+04	0:01:00	1.246	
15-Feb	1341	1.94E+04	0:01:00	1.255	
15-Feb	1342	1.92E+04	0:01:00	1.272	
15-Feb	1343	1.91E+04	0:01:00	1.281	
15-Feb	1344	1.94E+04	0:01:00	1.255	
15-Feb	1345	1.93E+04	0:01:00	1.264	
15-Feb	1346	1.91E+04	0:01:00	1.281	
15-Feb	1348	1.92E+04	0:01:00	1.272	
15-Feb	1349	1.91E+04	0:01:00	1.281	
15-Feb	1350	1.97E+04	0:01:00	1.229	
15-Feb	1351	2.03E+04	0:01:00	1.179	
15-Feb	1352	2.00E+04	0:01:00	1.204	

15-Feb	1353	2.00E+04	0:01:00	1.204
15-Feb	1354	1.98E+04	0:01:00	1.221
15-Feb	1355	1.95E+04	0:01:00	1.246
15-Feb	1356	1.99E+04	0:01:00	1.212
15-Feb	1357	1.98E+04	0:01:00	1.221
15-Feb	1358	2.03E+04	0:01:00	1.179
15-Feb	1359	1.99E+04	0:01:00	1.212
15-Feb	1400	1.96E+04	0:01:00	1.238
15-Feb	1401	1.96E+04	0:01:00	1.238
15-Feb	1402	1.96E+04	0:01:00	1.238
15-Feb	1403	2.00E+04	0:01:00	1.204
15-Feb	1404	1.96E+04	0:01:00	1.238
15-Feb	1405	2.03E+04	0:01:00	1.179
15-Feb	1406	2.06E+04	0:01:00	1.154
15-Feb	1407	2.06E+04	0:01:00	1.154
15-Feb	1408	2.05E+04	0:01:00	1.162
15-Feb	1409	2.04E+04	0:01:00	1.171
15-Feb	1410	2.02E+04	0:01:00	1.187
15-Feb	1411	2.02E+04	0:01:00	1.187
15-Feb	1412	1.99E+04	0:01:00	1.212
15-Feb	1413	1.97E+04	0:01:00	1.229
15-Feb	1414	1.95E+04	0:01:00	1.246
15-Feb	1415	1.94E+04	0:01:00	1.255
15-Feb	1416	1.95E+04	0:01:00	1.246
15-Feb	1417	1.90E+04	0:01:00	1.290
15-Feb	1418	1.92E+04	0:01:00	1.272
15-Feb	1419	1.98E+04	0:01:00	1.221
15-Feb	1421	1.92E+04	0:01:00	1.272
15-Feb	1422	1.91E+04	0:01:00	1.281
15-Feb	1423	1.93E+04	0:01:00	1.264
15-Feb	1424	1.92E+04	0:01:00	1.272
15-Feb	1425	1.89E+04	0:01:00	1.299
15-Feb	1426	1.91E+04	0:01:00	1.281
15-Feb	1427	1.88E+04	0:01:00	1.308
15-Feb	1428	1.91E+04	0:01:00	1.281
15-Feb	1429	1.94E+04	0:01:00	1.255
15-Feb	1430	1.97E+04	0:01:00	1.229
15-Feb	1431	2.03E+04	0:01:00	1.179
15-Feb	1432	1.98E+04	0:01:00	1.221
15-Feb	1433	2.01E+04	0:01:00	1.196
15-Feb	1434	2.03E+04	0:01:00	1.179
15-Feb	1435	1.99E+04	0:01:00	1.212
15-Feb	1436	1.95E+04	0:01:00	1.246
15-Feb	1437	1.95E+04	0:01:00	1.246
15-Feb	1438	1.92E+04	0:01:00	1.272
15-Feb	1439	1.94E+04	0:01:00	1.255
15-Feb	1440	1.94E+04	0:01:00	1.255
15-Feb	1441	1.91E+04	0:01:00	1.281
15-Feb	1442	1.91E+04	0:01:00	1.281

15-Feb	1443	1.99E+04	0:01:00	1.212
15-Feb	1444	1.99E+04	0:01:00	1.212
15-Feb	1445	1.91E+04	0:01:00	1.281
15-Feb	1446	1.95E+04	0:01:00	1.246
15-Feb	1447	1.90E+04	0:01:00	1.290
	1448	1.93E+04	0:01:00	1.264
15-Feb	1449	1.95E+04	0:01:00	1.246
15-Feb	1450	1.90E+04	0:01:00	1.290
15-Feb	1451	1.89E+04	0:01:00	1.299
15-Feb	1452	1.96E+04	0:01:00	1.238
15-Feb	1453	1.96E+04	0:01:00	1.238
15-Feb	1455	1.98E+04	0:01:00	1.221
15-Feb	1456	1.96E+04	0:01:00	1.238
15-Feb	1457	1.89E+04	0:01:00	1.299
15-Feb	1458	1.95E+04	0:01:00	1.246
15-Feb	1459	1.95E+04	0:01:00	1.246
15-Feb	1500	1.99E+04	0:01:00	1.212
15-Feb	1501	1.98E+04	0:01:00	1.221
15-Feb	1502	1.97E+04	0:01:00	1.229
15-Feb	1503	1.98E+04	0:01:00	1.221
22-Apr	714	1.77E+04	0:01:00	1.409
22-Apr	715	1.78E+04	0:01:00	1.399
22-Apr	716	1.80E+04	0:01:00	1.381
22-Apr	717	1.78E+04	0:01:00	1.399
22-Apr	718	1.77E+04	0:01:00	1.409
22-Apr	719	1.80E+04	0:01:00	1.381
22-Apr	720	1.81E+04	0:01:00	1.371
22-Apr	721	1.80E+04	0:01:00	1.381
22-Apr	722	1.86E+04	0:01:00	1.326
22-Apr	723	1.78E+04	0:01:00	1.399
22-Apr	724	1.83E+04	0:01:00	1.353
22-Apr	725	1.81E+04	0:01:00	1.371
22-Apr	726	1.82E+04	0:01:00	1.362
22-Apr	727	1.82E+04	0:01:00	1.362
22-Apr	728	1.84E+04	0:01:00	1.344
22-Apr	729	1.82E+04	0:01:00	1.362
22-Apr	730	1.81E+04	0:01:00	1.371
22-Apr	731	1.80E+04	0:01:00	1.381
22-Apr	732	1.83E+04	0:01:00	1.353
22-Apr	733	1.80E+04	0:01:00	1.381
22-Apr	734	1.83E+04	0:01:00	1.353
22-Apr	735	1.79E+04	0:01:00	1.390
22-Apr	736	1.78E+04	0:01:00	1.399
22-Apr	737	1.78E+04	0:01:00	1.399
22-Apr	738	1.79E+04	0:01:00	1.390
22-Apr	739	1.78E+04	0:01:00	1.399
22-Apr	740	1.78E+04	0:01:00	1.399
22-Apr	741	1.82E+04	0:01:00	1.362
22-Apr	742	1.80E+04	0:01:00	1.381

MATERIAL ?

22-Apr	744	1.84E+04	0:01:00	1.344
22-Apr	745	1.80E+04	0:01:00	1.381
22-Apr	746	1.80E+04	0:01:00	1.381
22-Apr	747	1.84E+04	0:01:00	1.344
22-Apr	748	1.83E+04	0:01:00	1.353
22-Apr	749	1.83E+04	0:01:00	1.353
22-Apr	750	1.80E+04	0:01:00	1.381
22-Apr	751	1.80E+04	0:01:00	1.381
22-Apr	752	1.80E+04	0:01:00	1.381
22-Apr	753	1.82E+04	0:01:00	1.362
22-Apr	754	1.80E+04	0:01:00	1.381
22-Apr	755	1.82E+04	0:01:00	1.362
22-Apr	756	1.77E+04	0:01:00	1.409
22-Apr	757	1.75E+04	0:01:00	1.428
22-Apr	758	1.74E+04	0:01:00	1.437
22-Apr	759	1.73E+04	0:01:00	1.447
22-Apr	800	1.78E+04	0:01:00	1.399
22-Apr	801	1.79E+04	0:01:00	1.390
22-Apr	802	1.78E+04	0:01:00	1.399
22-Apr	803	1.74E+04	0:01:00	1.437
22-Apr	804	1.77E+04	0:01:00	1.409
22-Apr	805	1.75E+04	0:01:00	1.428
22-Apr	806	1.77E+04	0:01:00	1.409
22-Apr	807	1.77E+04	0:01:00	1.409
22-Apr	808	1.75E+04	0:01:00	1.428
22-Apr	809	1.75E+04	0:01:00	1.428
22-Apr	810	1.77E+04	0:01:00	1.409
22-Apr	811	1.75E+04	0:01:00	1.428
22-Apr	812	1.72E+04	0:01:00	1.457
22-Apr	813	1.75E+04	0:01:00	1.428
22-Apr	814	1.72E+04	0:01:00	1.457
22-Apr	815	1.73E+04	0:01:00	1.447
22-Apr	817	1.72E+04	0:01:00	1.457
22-Apr	818	1.73E+04	0:01:00	1.447
22-Apr	819	1.76E+04	0:01:00	1.418
22-Apr	820	1.76E+04	0:01:00	1.418
22-Apr	821	1.76E+04	0:01:00	1.418
22-Apr	822	1.78E+04	0:01:00	1.399
22-Apr	823	1.76E+04	0:01:00	1.418
22-Apr	824	1.81E+04	0:01:00	1.371
22-Apr	825	1.78E+04	0:01:00	1.399
22-Apr	826	1.81E+04	0:01:00	1.371
22-Apr	827	1.80E+04	0:01:00	1.381
22-Apr	828	1.77E+04	0:01:00	1.409
22-Apr	829	1.80E+04	0:01:00	1.381
22-Apr	830	1.78E+04	0:01:00	1.399
22-Apr	831	1.76E+04	0:01:00	1.418
22-Apr	832	1.76E+04	0:01:00	1.418
22-Apr	833	1.70E+04	0:01:00	1.476

22-Apr	834	1.68E+04	0:01:00	1.496
22-Apr	835	1.76E+04	0:01:00	1.418
22-Apr	836	1.81E+04	0:01:00	1.371
22-Apr	837	1.75E+04	0:01:00	1.428
22-Apr	838	1.72E+04	0:01:00	1.457
22-Apr	839	1.66E+04	0:01:00	1.516
22-Apr	840	1.72E+04	0:01:00	1.457
22-Apr	841	1.72E+04	0:01:00	1.457
22-Apr	842	1.75E+04	0:01:00	1.428
22-Apr	843	1.76E+04	0:01:00	1.418
22-Apr	844	1.78E+04	0:01:00	1.399
22-Apr	845	1.72E+04	0:01:00	1.457
22-Apr	846	1.77E+04	0:01:00	1.409
22-Apr	847	1.79E+04	0:01:00	1.390
22-Apr	848	1.79E+04	0:01:00	1.390
22-Apr	849	1.83E+04	0:01:00	1.353
22-Apr	851	1.79E+04	0:01:00	1.390
22-Apr	852	1.79E+04	0:01:00	1.390
22-Apr	853	1.81E+04	0:01:00	1.371
22-Apr	854	1.79E+04	0:01:00	1.390
22-Apr	855	1.77E+04	0:01:00	1.409
22-Apr	856	1.71E+04	0:01:00	1.467
22-Apr	857	1.73E+04	0:01:00	1.447
22-Apr	858	1.74E+04	0:01:00	1.437
22-Apr	859	1.79E+04	0:01:00	1.390
22-Apr	900	1.82E+04	0:01:00	1.362
22-Apr	901	1.78E+04	0:01:00	1.399
22-Apr	902	1.80E+04	0:01:00	1.381
22-Apr	903	1.78E+04	0:01:00	1.399
22-Apr	904	1.81E+04	0:01:00	1.371
22-Apr	905	1.78E+04	0:01:00	1.399
22-Apr	906	1.80E+04	0:01:00	1.381
22-Apr	907	1.82E+04	0:01:00	1.362
22-Apr	908	1.83E+04	0:01:00	1.353
22-Apr	909	1.78E+04	0:01:00	1.399
22-Apr	910	1.78E+04	0:01:00	1.399
22-Apr	911	1.74E+04	0:01:00	1.437
22-Apr	912	1.78E+04	0:01:00	1.399
22-Apr	913	1.75E+04	0:01:00	1.428
22-Apr	914	1.75E+04	0:01:00	1.428
22-Apr	915	1.77E+04	0:01:00	1.409
22-Apr	916	1.73E+04	0:01:00	1.447
22-Apr	917	1.76E+04	0:01:00	1.418
22-Apr	918	1.73E+04	0:01:00	1.447
22-Apr	919	1.75E+04	0:01:00	1.428
22-Apr	920	1.73E+04	0:01:00	1.447
22-Apr	921	1.77E+04	0:01:00	1.409
22-Apr	922	1.78E+04	0:01:00	1.399
22-Apr	923	1.74E+04	0:01:00	1.437

22-Apr	925	1.75E+04	0:01:00	1.428
22-Apr	926	1.74E+04	0:01:00	1.437
22-Apr	927	1.76E+04	0:01:00	1.418
22-Apr	928	1.78E+04	0:01:00	1.399
22-Apr	929	1.78E+04	0:01:00	1.399
22-Apr	930	1.77E+04	0:01:00	1.409
22-Apr	931	1.81E+04	0:01:00	1.371
22-Apr	932	1.71E+04	0:01:00	1.467
22-Apr	933	1.71E+04	0:01:00	1.467
22-Apr	934	1.76E+04	0:01:00	1.418
22-Apr	935	1.75E+04	0:01:00	1.428
22-Apr	936	1.76E+04	0:01:00	1.418
22-Apr	937	1.78E+04	0:01:00	1.399
22-Apr	938	1.79E+04	0:01:00	1.390
22-Apr	939	1.74E+04	0:01:00	1.437
22-Apr	940	1.78E+04	0:01:00	1.399
22-Apr	941	1.78E+04	0:01:00	1.399
22-Apr	942	1.75E+04	0:01:00	1.428
22-Apr	943	1.78E+04	0:01:00	1.399
22-Apr	944	1.79E+04	0:01:00	1.390
22-Apr	945	1.76E+04	0:01:00	1.418
22-Apr	946	1.80E+04	0:01:00	1.381
22-Apr	947	1.80E+04	0:01:00	1.381
22-Apr	948	1.78E+04	0:01:00	1.399
22-Apr	949	1.79E+04	0:01:00	1.390
22-Apr	950	1.79E+04	0:01:00	1.390
22-Apr	951	1.79E+04	0:01:00	1.390
22-Apr	952	1.79E+04	0:01:00	1.390
22-Apr	953	1.79E+04	0:01:00	1.390
22-Apr	954	1.74E+04	0:01:00	1.437
22-Apr	955	1.77E+04	0:01:00	1.409
22-Apr	956	1.81E+04	0:01:00	1.371
22-Apr	957	1.76E+04	0:01:00	1.418
22-Apr	959	1.82E+04	0:01:00	1.362
22-Apr	1000	1.82E+04	0:01:00	1.362
22-Apr	1001	1.81E+04	0:01:00	1.371
22-Apr	1002	1.76E+04	0:01:00	1.418
22-Apr	1003	1.79E+04	0:01:00	1.390
22-Apr	1004	1.78E+04	0:01:00	1.399
22-Apr	1005	1.78E+04	0:01:00	1.399
22-Apr	1006	1.77E+04	0:01:00	1.409
22-Apr	1007	1.79E+04	0:01:00	1.390
22-Apr	1008	1.79E+04	0:01:00	1.390
22-Apr	1009	1.78E+04	0:01:00	1.399
22-Apr	1010	1.76E+04	0:01:00	1.418
22-Apr	1011	1.80E+04	0:01:00	1.381
22-Apr	1012	1.79E+04	0:01:00	1.390
22-Apr	1013	1.76E+04	0:01:00	1.418
22-Apr	1014	1.78E+04	0:01:00	1.399

22-Apr	1015	1.76E+04	0:01:00	1.418
22-Apr	1016	1.79E+04	0:01:00	1.390
22-Apr	1017	1.75E+04	0:01:00	1.428
22-Apr	1018	1.76E+04	0:01:00	1.418
22-Apr	1019	1.74E+04	0:01:00	1.437
22-Apr	1020	1.80E+04	0:01:00	1.381
22-Apr	1021	1.77E+04	0:01:00	1.409
22-Apr	1022	1.77E+04	0:01:00	1.409
22-Apr	1023	1.76E+04	0:01:00	1.418
22-Apr	1024	1.76E+04	0:01:00	1.418
22-Apr	1025	1.75E+04	0:01:00	1.428
22-Apr	1026	1.75E+04	0:01:00	1.428
22-Apr	1027	1.72E+04	0:01:00	1.457
22-Apr	1028	1.74E+04	0:01:00	1.437
22-Apr	1029	1.76E+04	0:01:00	1.418
22-Apr	1030	1.78E+04	0:01:00	1.399
22-Apr	1032	1.79E+04	0:01:00	1.390
22-Apr	1033	1.77E+04	0:01:00	1.409
22-Apr	1034	1.78E+04	0:01:00	1.399
22-Apr	1035	1.77E+04	0:01:00	1.409
22-Apr	1036	1.79E+04	0:01:00	1.390
22-Apr	1037	1.77E+04	0:01:00	1.409
22-Apr	1038	1.78E+04	0:01:00	1.399
22-Apr	1039	1.79E+04	0:01:00	1.390
22-Apr	1040	1.77E+04	0:01:00	1.409
22-Apr	1041	1.79E+04	0:01:00	1.390
22-Apr	1042	1.79E+04	0:01:00	1.390
22-Apr	1043	1.82E+04	0:01:00	1.362
22-Apr	1044	1.78E+04	0:01:00	1.399
22-Apr	1045	1.82E+04	0:01:00	1.362
22-Apr	1046	1.81E+04	0:01:00	1.371
22-Apr	1047	1.81E+04	0:01:00	1.371
22-Apr	1048	1.82E+04	0:01:00	1.362
22-Apr	1049	1.81E+04	0:01:00	1.371
22-Apr	1050	1.79E+04	0:01:00	1.390
22-Apr	1051	1.80E+04	0:01:00	1.381
22-Apr	1052	1.87E+04	0:01:00	1.317
22-Apr	1053	1.87E+04	0:01:00	1.317
22-Apr	1054	1.78E+04	0:01:00	1.399
22-Apr	1055	1.86E+04	0:01:00	1.326
22-Apr	1056	1.80E+04	0:01:00	1.381
22-Apr	1057	1.77E+04	0:01:00	1.409
22-Apr	1058	1.79E+04	0:01:00	1.390
22-Apr	1059	1.79E+04	0:01:00	1.390
22-Apr	1100	1.77E+04	0:01:00	1.409
22-Apr	1101	1.78E+04	0:01:00	1.399
22-Apr	1102	1.79E+04	0:01:00	1.390
22-Apr	1103	1.80E+04	0:01:00	1.381
22-Apr	1104	1.77E+04	0:01:00	1.409

22-Apr	1106	1.78E+04	0:01:00	1.399
22-Apr	1107	1.77E+04	0:01:00	1.409
22-Apr	1108	1.78E+04	0:01:00	1.399
22-Apr	1109	1.77E+04	0:01:00	1.409
22-Apr	1110	1.76E+04	0:01:00	1.418
22-Apr	1111	1.76E+04	0:01:00	1.418
22-Apr	1112	1.73E+04	0:01:00	1.447
22-Apr	1113	1.76E+04	0:01:00	1.418
22-Apr	1114	1.74E+04	0:01:00	1.437
22-Apr	1115	1.74E+04	0:01:00	1.437
22-Apr	1116	1.75E+04	0:01:00	1.428
22-Apr	1117	1.77E+04	0:01:00	1.409
22-Apr	1118	1.80E+04	0:01:00	1.381
22-Apr	1119	1.79E+04	0:01:00	1.390
22-Apr	1120	1.75E+04	0:01:00	1.428
22-Apr	1121	1.73E+04	0:01:00	1.447
22-Apr	1122	1.76E+04	0:01:00	1.418
22-Apr	1123	1.73E+04	0:01:00	1.447
22-Apr	1124	1.77E+04	0:01:00	1.409
22-Apr	1125	1.83E+04	0:01:00	1.353
22-Apr	1126	1.78E+04	0:01:00	1.399
22-Apr	1127	1.76E+04	0:01:00	1.418
22-Apr	1128	1.82E+04	0:01:00	1.362
22-Apr	1129	1.74E+04	0:01:00	1.437
22-Apr	1130	1.69E+04	0:01:00	1.486
22-Apr	1131	1.71E+04	0:01:00	1.467
22-Apr	1132	1.75E+04	0:01:00	1.428
22-Apr	1133	1.85E+04	0:01:00	1.335
22-Apr	1134	1.85E+04	0:01:00	1.335
22-Apr	1135	1.82E+04	0:01:00	1.362
22-Apr	1136	1.81E+04	0:01:00	1.371
22-Apr	1137	1.77E+04	0:01:00	1.409
22-Apr	1138	1.74E+04	0:01:00	1.437
22-Apr	1140	1.73E+04	0:01:00	1.447
22-Apr	1141	1.76E+04	0:01:00	1.418
22-Apr	1142	1.74E+04	0:01:00	1.437
22-Apr	1143	1.76E+04	0:01:00	1.418
22-Apr	1144	1.74E+04	0:01:00	1.437
22-Apr	1145	1.79E+04	0:01:00	1.390
22-Apr	1146	1.80E+04	0:01:00	1.381
22-Apr	1147	1.80E+04	0:01:00	1.381
22-Apr	1148	1.78E+04	0:01:00	1.399
22-Apr	1149	1.76E+04	0:01:00	1.418
22-Apr	1150	1.77E+04	0:01:00	1.409
22-Apr	1151	1.75E+04	0:01:00	1.428
22-Apr	1152	1.81E+04	0:01:00	1.371
22-Apr	1153	1.80E+04	0:01:00	1.381
22-Apr	1154	1.78E+04	0:01:00	1.399
22-Apr	1155	1.80E+04	0:01:00	1.381

22-Apr	1156	1.82E+04	0:01:00	1.362
22-Apr	1157	1.80E+04	0:01:00	1.381
22-Apr	1158	1.77E+04	0:01:00	1.409
22-Apr	1159	1.78E+04	0:01:00	1.399
22-Apr	1200	1.73E+04	0:01:00	1.447
22-Apr	1201	1.81E+04	0:01:00	1.371
22-Apr	1202	1.82E+04	0:01:00	1.362
22-Apr	1203	1.79E+04	0:01:00	1.390
22-Apr	1204	1.77E+04	0:01:00	1.409
22-Apr	1205	1.78E+04	0:01:00	1.399
22-Apr	1206	1.79E+04	0:01:00	1.390
22-Apr	1207	1.80E+04	0:01:00	1.381
22-Apr	1208	1.83E+04	0:01:00	1.353
22-Apr	1209	1.80E+04	0:01:00	1.381
22-Apr	1210	1.83E+04	0:01:00	1.353
22-Apr	1211	1.81E+04	0:01:00	1.371
22-Apr	1212	1.78E+04	0:01:00	1.399
22-Apr	1214	1.82E+04	0:01:00	1.362
22-Apr	1215	1.78E+04	0:01:00	1.399
22-Apr	1216	1.81E+04	0:01:00	1.371
22-Apr	1217	1.82E+04	0:01:00	1.362
22-Apr	1218	1.77E+04	0:01:00	1.409
22-Apr	1219	1.84E+04	0:01:00	1.344
22-Apr	1220	1.84E+04	0:01:00	1.344
22-Apr	1221	1.86E+04	0:01:00	1.326
22-Apr	1222	1.80E+04	0:01:00	1.381
22-Apr	1223	1.81E+04	0:01:00	1.371
22-Apr	1224	1.81E+04	0:01:00	1.371
22-Apr	1225	1.81E+04	0:01:00	1.371
22-Apr	1226	1.82E+04	0:01:00	1.362
22-Apr	1227	1.80E+04	0:01:00	1.381
22-Apr	1228	1.78E+04	0:01:00	1.399
22-Apr	1229	1.83E+04	0:01:00	1.353
22-Apr	1230	1.82E+04	0:01:00	1.362
22-Apr	1231	1.81E+04	0:01:00	1.371
22-Apr	1232	1.83E+04	0:01:00	1.353
22-Apr	1233	1.82E+04	0:01:00	1.362
22-Apr	1234	1.80E+04	0:01:00	1.381
22-Apr	1235	1.81E+04	0:01:00	1.371
22-Apr	1236	1.80E+04	0:01:00	1.381
22-Apr	1237	1.80E+04	0:01:00	1.381
22-Apr	1238	1.78E+04	0:01:00	1.399
22-Apr	1239	1.75E+04	0:01:00	1.428
22-Apr	1240	1.82E+04	0:01:00	1.362
22-Apr	1241	1.79E+04	0:01:00	1.390
22-Apr	1242	1.75E+04	0:01:00	1.428
22-Apr	1243	1.79E+04	0:01:00	1.390
22-Apr	1244	1.80E+04	0:01:00	1.381
22-Apr	1245	1.76E+04	0:01:00	1.418

22-Apr	1247	1.79E+04	0:01:00	1.390
22-Apr	1248	1.77E+04	0:01:00	1.409
22-Apr	1249	1.80E+04	0:01:00	1.381
22-Apr	1250	1.78E+04	0:01:00	1.399
22-Apr	1251	1.80E+04	0:01:00	1.381
22-Apr	1252	1.77E+04	0:01:00	1.409
22-Apr	1253	1.83E+04	0:01:00	1.353
22-Apr	1254	1.76E+04	0:01:00	1.418
22-Apr	1255	1.80E+04	0:01:00	1.381
22-Apr	1256	1.83E+04	0:01:00	1.353
22-Apr	1257	1.78E+04	0:01:00	1.399
22-Apr	1258	1.76E+04	0:01:00	1.418
22-Apr	1259	1.82E+04	0:01:00	1.362
22-Apr	1300	1.80E+04	0:01:00	1.381
22-Apr	1301	1.80E+04	0:01:00	1.381
22-Apr	1302	1.78E+04	0:01:00	1.399
22-Apr	1303	1.73E+04	0:01:00	1.447
22-Apr	1304	1.84E+04	0:01:00	1.344
22-Apr	1305	1.84E+04	0:01:00	1.344
22-Apr	1306	1.83E+04	0:01:00	1.353
22-Apr	1307	1.80E+04	0:01:00	1.381
22-Apr	1308	1.82E+04	0:01:00	1.362
22-Apr	1309	1.74E+04	0:01:00	1.437
22-Apr	1310	1.81E+04	0:01:00	1.371
22-Apr	1311	1.83E+04	0:01:00	1.353
22-Apr	1312	1.74E+04	0:01:00	1.437
22-Apr	1313	1.82E+04	0:01:00	1.362
22-Apr	1314	1.82E+04	0:01:00	1.362
22-Apr	1315	1.79E+04	0:01:00	1.390
22-Apr	1316	1.82E+04	0:01:00	1.362
22-Apr	1317	1.78E+04	0:01:00	1.399
22-Apr	1318	1.79E+04	0:01:00	1.390
22-Apr	1319	1.80E+04	0:01:00	1.381
22-Apr	1321	1.80E+04	0:01:00	1.381
22-Apr	1322	1.83E+04	0:01:00	1.353
22-Apr	1323	1.80E+04	0:01:00	1.381
22-Apr	1324	1.80E+04	0:01:00	1.381
22-Apr	1325	1.83E+04	0:01:00	1.353
22-Apr	1326	1.81E+04	0:01:00	1.371
22-Apr	1327	1.79E+04	0:01:00	1.390
22-Apr	1328	1.81E+04	0:01:00	1.371
22-Apr	1329	1.77E+04	0:01:00	1.409
22-Apr	1330	1.79E+04	0:01:00	1.390
22-Apr	1331	1.81E+04	0:01:00	1.371
22-Apr	1332	1.81E+04	0:01:00	1.371
22-Apr	1333	1.79E+04	0:01:00	1.390
22-Apr	1334	1.82E+04	0:01:00	1.362
22-Apr	1335	1.82E+04	0:01:00	1.362
22-Apr	1336	1.83E+04	0:01:00	1.353

22-Apr	1337	1.80E+04	0:01:00	1.381
22-Apr	1338	1.84E+04	0:01:00	1.344
22-Apr	1339	1.83E+04	0:01:00	1.353
22-Apr	1340	1.84E+04	0:01:00	1.344
22-Apr	1341	1.80E+04	0:01:00	1.381
22-Apr	1342	1.80E+04	0:01:00	1.381
22-Apr	1343	1.78E+04	0:01:00	1.399
22-Apr	1344	1.83E+04	0:01:00	1.353
22-Apr	1345	1.80E+04	0:01:00	1.381
22-Apr	1346	1.81E+04	0:01:00	1.371
22-Apr	1347	1.81E+04	0:01:00	1.371
22-Apr	1348	1.75E+04	0:01:00	1.428
22-Apr	1349	1.72E+04	0:01:00	1.457
22-Apr	1350	1.83E+04	0:01:00	1.353
22-Apr	1351	1.77E+04	0:01:00	1.409
22-Apr	1352	1.77E+04	0:01:00	1.409
22-Apr	1353	1.84E+04	0:01:00	1.344
22-Apr	1355	1.79E+04	0:01:00	1.390
22-Apr	1356	1.80E+04	0:01:00	1.381
22-Apr	1357	1.81E+04	0:01:00	1.371
22-Apr	1358	1.77E+04	0:01:00	1.409
22-Apr	1359	1.76E+04	0:01:00	1.418
22-Apr	1400	1.77E+04	0:01:00	1.409
22-Apr	1401	1.79E+04	0:01:00	1.390
22-Apr	1402	1.76E+04	0:01:00	1.418
22-Apr	1403	1.80E+04	0:01:00	1.381
22-Apr	1404	1.80E+04	0:01:00	1.381
22-Apr	1405	1.78E+04	0:01:00	1.399
22-Apr	1406	1.82E+04	0:01:00	1.362
22-Apr	1407	1.81E+04	0:01:00	1.371
22-Apr	1408	1.81E+04	0:01:00	1.371
22-Apr	1409	1.86E+04	0:01:00	1.326
22-Apr	1410	1.79E+04	0:01:00	1.390
22-Apr	1411	1.77E+04	0:01:00	1.409
22-Apr	1412	1.79E+04	0:01:00	1.390
22-Apr	1413	1.79E+04	0:01:00	1.390
22-Apr	1414	1.78E+04	0:01:00	1.399
22-Apr	1415	1.81E+04	0:01:00	1.371
22-Apr	1416	1.78E+04	0:01:00	1.399
22-Apr	1417	1.79E+04	0:01:00	1.390
22-Apr	1418	1.78E+04	0:01:00	1.399
22-Apr	1419	1.77E+04	0:01:00	1.409
22-Apr	1420	1.76E+04	0:01:00	1.418
22-Apr	1421	1.80E+04	0:01:00	1.381
22-Apr	1422	1.77E+04	0:01:00	1.409
22-Apr	1423	1.80E+04	0:01:00	1.381
22-Apr	1424	1.80E+04	0:01:00	1.381
22-Apr	1425	1.81E+04	0:01:00	1.371
22-Apr	1426	1.83E+04	0:01:00	1.353

22-Apr	1427	1.79E+04	0:01:00	1.390
22-Apr	1429	1.79E+04	0:01:00	1.390
22-Apr	1430	1.83E+04	0:01:00	1.353
22-Apr	1431	1.81E+04	0:01:00	1.371
22-Apr	1432	1.79E+04	0:01:00	1.390
22-Apr	1433	1.80E+04	0:01:00	1.381
22-Apr	1434	1.84E+04	0:01:00	1.344
22-Apr	1435	1.82E+04	0:01:00	1.362
22-Apr	1436	1.80E+04	0:01:00	1.381
22-Apr	1437	1.81E+04	0:01:00	1.371
22-Apr	1438	1.82E+04	0:01:00	1.362
22-Apr	1439	1.83E+04	0:01:00	1.353
22-Apr	1440	1.77E+04	0:01:00	1.409
22-Apr	1441	1.81E+04	0:01:00	1.371
22-Apr	1442	1.81E+04	0:01:00	1.371
22-Apr	1443	1.79E+04	0:01:00	1.390
22-Apr	1444	1.80E+04	0:01:00	1.381
22-Apr	1445	1.79E+04	0:01:00	1.390
22-Apr	1446	1.81E+04	0:01:00	1.371
22-Apr	1447	1.80E+04	0:01:00	1.381
22-Apr	1448	1.81E+04	0:01:00	1.371
22-Apr	1449	1.84E+04	0:01:00	1.344
22-Apr	1450	1.80E+04	0:01:00	1.381
22-Apr	1451	1.83E+04	0:01:00	1.353
22-Apr	1452	1.80E+04	0:01:00	1.381
22-Apr	1453	1.80E+04	0:01:00	1.381
22-Apr	1454	1.80E+04	0:01:00	1.381
22-Apr	1455	1.76E+04	0:01:00	1.418
22-Apr	1456	1.82E+04	0:01:00	1.362
22-Apr	1457	1.82E+04	0:01:00	1.362
22-Apr	1458	1.81E+04	0:01:00	1.371
22-Apr	1459	1.84E+04	0:01:00	1.344
22-Apr	1500	1.82E+04	0:01:00	1.362
22-Apr	1502	1.81E+04	0:01:00	1.371
22-Apr	1503	1.81E+04	0:01:00	1.371
22-Apr	1504	1.77E+04	0:01:00	1.409
22-Apr	1505	1.87E+04	0:01:00	1.317
22-Apr	1506	1.78E+04	0:01:00	1.399
22-Apr	1507	1.80E+04	0:01:00	1.381
22-Apr	1508	1.78E+04	0:01:00	1.399
22-Apr	1509	1.78E+04	0:01:00	1.399
22-Apr	1510	1.78E+04	0:01:00	1.399
22-Apr	1511	1.80E+04	0:01:00	1.381
22-Apr	1512	1.83E+04	0:01:00	1.353
22-Apr	1513	1.77E+04	0:01:00	1.409
22-Apr	1514	1.82E+04	0:01:00	1.362
22-Apr	1515	1.77E+04	0:01:00	1.409
22-Apr	1516	1.80E+04	0:01:00	1.381
22-Apr	1517	1.77E+04	0:01:00	1.409

22-Apr	1518	1.77E+04	0:01:00	1.409
22-Apr	1519	1.76E+04	0:01:00	1.418
22-Apr	1520	1.76E+04	0:01:00	1.418
22-Apr	1521	1.82E+04	0:01:00	1.362
22-Apr	1522	1.77E+04	0:01:00	1.409
22-Apr	1523	1.77E+04	0:01:00	1.409
22-Apr	1524	1.77E+04	0:01:00	1.409
22-Apr	1525	1.76E+04	0:01:00	1.418
22-Apr	1526	1.82E+04	0:01:00	1.362
22-Apr	1527	1.81E+04	0:01:00	1.371
22-Apr	1528	1.80E+04	0:01:00	1.381
22-Apr	1529	1.80E+04	0:01:00	1.381
22-Apr	1530	1.81E+04	0:01:00	1.371
22-Apr	1531	1.79E+04	0:01:00	1.390
22-Apr	1532	1.80E+04	0:01:00	1.381
22-Apr	1533	1.82E+04	0:01:00	1.362
22-Apr	1534	1.81E+04	0:01:00	1.371
22-Apr	1536	1.86E+04	0:01:00	1.326
22-Apr	1537	1.83E+04	0:01:00	1.353
22-Apr	1538	1.86E+04	0:01:00	1.326
22-Apr	1539	1.83E+04	0:01:00	1.353
22-Apr	1540	1.80E+04	0:01:00	1.381
22-Apr	1541	1.81E+04	0:01:00	1.371
22-Apr	1542	1.85E+04	0:01:00	1.335
22-Apr	1543	1.81E+04	0:01:00	1.371
22-Apr	1544	1.79E+04	0:01:00	1.390
22-Apr	1545	1.82E+04	0:01:00	1.362
22-Apr	1546	1.80E+04	0:01:00	1.381
22-Apr	1547	1.83E+04	0:01:00	1.353
22-Apr	1548	1.80E+04	0:01:00	1.381
22-Apr	1549	1.86E+04	0:01:00	1.326
22-Apr	1550	1.80E+04	0:01:00	1.381
22-Apr	1551	1.82E+04	0:01:00	1.362
22-Apr	1552	1.85E+04	0:01:00	1.335
22-Apr	1553	1.82E+04	0:01:00	1.362
22-Apr	1554	1.81E+04	0:01:00	1.371
22-Apr	1555	1.80E+04	0:01:00	1.381
22-Apr	1556	1.81E+04	0:01:00	1.371
22-Apr	1557	1.87E+04	0:01:00	1.317
22-Apr	1558	1.76E+04	0:01:00	1.418
22-Apr	1559	1.79E+04	0:01:00	1.390
22-Apr	1600	1.80E+04	0:01:00	1.381
22-Apr	1601	1.81E+04	0:01:00	1.371
22-Apr	1602	1.79E+04	0:01:00	1.390
22-Apr	1603	1.85E+04	0:01:00	1.335
22-Apr	1604	1.84E+04	0:01:00	1.344
22-Apr	1605	1.82E+04	0:01:00	1.362
23-Apr	805	1.77E+04	0:01:00	1.409
23-Apr	806	1.77E+04	0:01:00	1.409

23-Apr	807	1.76E+04	0:01:00	1.418
23-Apr	808	1.80E+04	0:01:00	1.381
23-Apr	809	1.75E+04	0:01:00	1.428
23-Apr	810	1.79E+04	0:01:00	1.390
23-Apr	811	1.78E+04	0:01:00	1.399
23-Apr	812	1.77E+04	0:01:00	1.409
23-Apr	813	1.76E+04	0:01:00	1.418
23-Apr	814	1.78E+04	0:01:00	1.399
23-Apr	815	1.74E+04	0:01:00	1.437
23-Apr	816	1.76E+04	0:01:00	1.418
23-Apr	817	1.85E+04	0:01:00	1.335
23-Apr	818	1.76E+04	0:01:00	1.418
23-Apr	819	1.77E+04	0:01:00	1.409
23-Apr	820	1.79E+04	0:01:00	1.390
23-Apr	821	1.82E+04	0:01:00	1.362
23-Apr	822	1.78E+04	0:01:00	1.399
23-Apr	824	1.82E+04	0:01:00	1.362
23-Apr	825	1.75E+04	0:01:00	1.428
23-Apr	826	1.76E+04	0:01:00	1.418
23-Apr	827	1.81E+04	0:01:00	1.371
23-Apr	828	1.80E+04	0:01:00	1.381
23-Apr	829	1.80E+04	0:01:00	1.381
23-Apr	830	1.82E+04	0:01:00	1.362
23-Apr	831	1.79E+04	0:01:00	1.390
23-Apr	832	1.79E+04	0:01:00	1.390
23-Apr	833	1.84E+04	0:01:00	1.344
23-Apr	834	1.72E+04	0:01:00	1.457
23-Apr	835	1.78E+04	0:01:00	1.399
23-Apr	836	1.77E+04	0:01:00	1.409
23-Apr	837	1.79E+04	0:01:00	1.390
23-Apr	838	1.77E+04	0:01:00	1.409
23-Apr	839	1.78E+04	0:01:00	1.399
23-Apr	840	1.79E+04	0:01:00	1.390
23-Apr	841	1.80E+04	0:01:00	1.381
23-Apr	842	1.80E+04	0:01:00	1.381
23-Apr	843	1.80E+04	0:01:00	1.381
23-Apr	844	1.82E+04	0:01:00	1.362
23-Apr	845	1.84E+04	0:01:00	1.344
23-Apr	846	1.79E+04	0:01:00	1.390
23-Apr	847	1.79E+04	0:01:00	1.390
23-Apr	848	1.76E+04	0:01:00	1.418
23-Apr	849	1.83E+04	0:01:00	1.353
23-Apr	850	1.76E+04	0:01:00	1.418
23-Apr	851	1.76E+04	0:01:00	1.418
23-Apr	852	1.78E+04	0:01:00	1.399
23-Apr	853	1.79E+04	0:01:00	1.390
23-Apr	854	1.80E+04	0:01:00	1.381
23-Apr	855	1.76E+04	0:01:00	1.418
23-Apr	857	1.76E+04	0:01:00	1.418

23-Apr	858	1.80E+04	0:01:00	1.381
23-Apr	859	1.74E+04	0:01:00	1.437
23-Apr	900	1.78E+04	0:01:00	1.399
23-Apr	901	1.73E+04	0:01:00	1.447
23-Apr	902	1.79E+04	0:01:00	1.390
23-Apr	903	1.77E+04	0:01:00	1.409
23-Apr	904	1.78E+04	0:01:00	1.399
23-Apr	905	1.77E+04	0:01:00	1.409
23-Apr	906	1.81E+04	0:01:00	1.371
23-Apr	907	1.79E+04	0:01:00	1.390
23-Apr	908	1.81E+04	0:01:00	1.371
23-Apr	909	1.79E+04	0:01:00	1.390
23-Apr	910	1.79E+04	0:01:00	1.390
23-Apr	911	1.74E+04	0:01:00	1.437
23-Apr	912	1.80E+04	0:01:00	1.381
23-Apr	913	1.79E+04	0:01:00	1.390
23-Apr	914	1.77E+04	0:01:00	1.409
23-Apr	915	1.81E+04	0:01:00	1.371
23-Apr	916	1.73E+04	0:01:00	1.447
23-Apr	917	1.76E+04	0:01:00	1.418
23-Apr	918	1.78E+04	0:01:00	1.399
23-Apr	919	1.80E+04	0:01:00	1.381
23-Apr	920	1.78E+04	0:01:00	1.399
23-Apr	921	1.76E+04	0:01:00	1.418
23-Apr	922	1.75E+04	0:01:00	1.428
23-Apr	923	1.80E+04	0:01:00	1.381
23-Apr	924	1.75E+04	0:01:00	1.428
23-Apr	925	1.76E+04	0:01:00	1.418
23-Apr	926	1.76E+04	0:01:00	1.418
23-Apr	927	1.73E+04	0:01:00	1.447
23-Apr	928	1.73E+04	0:01:00	1.447
23-Apr	929	1.74E+04	0:01:00	1.437
23-Apr	931	1.75E+04	0:01:00	1.428
23-Apr	932	1.71E+04	0:01:00	1.467
23-Apr	933	1.77E+04	0:01:00	1.409
23-Apr	934	1.75E+04	0:01:00	1.428
23-Apr	935	1.71E+04	0:01:00	1.467
23-Apr	936	1.77E+04	0:01:00	1.409
23-Apr	937	1.75E+04	0:01:00	1.428
23-Apr	938	1.71E+04	0:01:00	1.467
23-Apr	939	1.73E+04	0:01:00	1.447
23-Apr	940	1.76E+04	0:01:00	1.418
23-Apr	941	1.77E+04	0:01:00	1.409
23-Apr	942	1.76E+04	0:01:00	1.418
23-Apr	943	1.75E+04	0:01:00	1.428
23-Apr	944	1.76E+04	0:01:00	1.418
23-Apr	945	1.76E+04	0:01:00	1.418
23-Apr	946	1.76E+04	0:01:00	1.418
23-Apr	947	1.76E+04	0:01:00	1.418

23-Apr	948	1.76E+04	0:01:00	1.418
23-Apr	949	1.80E+04	0:01:00	1.381
23-Apr	950	1.75E+04	0:01:00	1.428
23-Apr	951	1.77E+04	0:01:00	1.409
23-Apr	952	1.77E+04	0:01:00	1.409
23-Apr	953	1.78E+04	0:01:00	1.399
23-Apr	954	1.75E+04	0:01:00	1.428
23-Apr	955	1.74E+04	0:01:00	1.437
23-Apr	956	1.75E+04	0:01:00	1.428
23-Apr	957	1.79E+04	0:01:00	1.390
23-Apr	958	1.78E+04	0:01:00	1.399
23-Apr	959	1.77E+04	0:01:00	1.409
23-Apr	1000	1.78E+04	0:01:00	1.399
23-Apr	1001	1.74E+04	0:01:00	1.437
23-Apr	1002	1.74E+04	0:01:00	1.437
23-Apr	1004	1.77E+04	0:01:00	1.409
23-Apr	1005	1.76E+04	0:01:00	1.418
23-Apr	1006	1.75E+04	0:01:00	1.428
23-Apr	1007	1.74E+04	0:01:00	1.437
23-Apr	1008	1.75E+04	0:01:00	1.428
23-Apr	1009	1.74E+04	0:01:00	1.437
23-Apr	1010	1.73E+04	0:01:00	1.447
23-Apr	1011	1.76E+04	0:01:00	1.418
23-Apr	1012	1.77E+04	0:01:00	1.409
23-Apr	1013	1.76E+04	0:01:00	1.418
23-Apr	1014	1.76E+04	0:01:00	1.418
23-Apr	1015	1.78E+04	0:01:00	1.399
23-Apr	1016	1.78E+04	0:01:00	1.399
23-Apr	1017	1.77E+04	0:01:00	1.409
23-Apr	1018	1.75E+04	0:01:00	1.428
23-Apr	1019	1.73E+04	0:01:00	1.447
23-Apr	1020	1.71E+04	0:01:00	1.467
23-Apr	1021	1.70E+04	0:01:00	1.476
23-Apr	1022	1.69E+04	0:01:00	1.486
23-Apr	1023	1.69E+04	0:01:00	1.486
23-Apr	1024	1.76E+04	0:01:00	1.418
23-Apr	1025	1.74E+04	0:01:00	1.437
23-Apr	1026	1.74E+04	0:01:00	1.437
23-Apr	1027	1.71E+04	0:01:00	1.467
23-Apr	1028	1.73E+04	0:01:00	1.447
23-Apr	1029	1.73E+04	0:01:00	1.447
23-Apr	1030	1.73E+04	0:01:00	1.447
23-Apr	1031	1.70E+04	0:01:00	1.476
23-Apr	1032	1.70E+04	0:01:00	1.476
23-Apr	1033	1.73E+04	0:01:00	1.447
23-Apr	1034	1.73E+04	0:01:00	1.447
23-Apr	1035	1.74E+04	0:01:00	1.437
23-Apr	1036	1.73E+04	0:01:00	1.447
23-Apr	1038	1.70E+04	0:01:00	1.476

23-Apr	1039	1.73E+04	0:01:00	1.447
23-Apr	1040	1.76E+04	0:01:00	1.418
23-Apr	1041	1.75E+04	0:01:00	1.428
23-Apr	1042	1.72E+04	0:01:00	1.457
23-Apr	1043	1.72E+04	0:01:00	1.457
23-Apr	1044	1.74E+04	0:01:00	1.437
23-Apr	1045	1.73E+04	0:01:00	1.447
23-Apr	1046	1.72E+04	0:01:00	1.457
23-Apr	1047	1.74E+04	0:01:00	1.437
23-Apr	1048	1.74E+04	0:01:00	1.437
23-Apr	1049	1.74E+04	0:01:00	1.437
23-Apr	1050	1.75E+04	0:01:00	1.428
23-Apr	1051	1.72E+04	0:01:00	1.457
23-Apr	1052	1.80E+04	0:01:00	1.381
23-Apr	1053	1.78E+04	0:01:00	1.399
23-Apr	1054	1.78E+04	0:01:00	1.399
23-Apr	1055	1.76E+04	0:01:00	1.418
23-Apr	1056	1.76E+04	0:01:00	1.418
23-Apr	1057	1.79E+04	0:01:00	1.390
23-Apr	1058	1.79E+04	0:01:00	1.390
23-Apr	1059	1.74E+04	0:01:00	1.437
23-Apr	1100	1.73E+04	0:01:00	1.447
23-Apr	1101	1.77E+04	0:01:00	1.409
23-Apr	1102	1.76E+04	0:01:00	1.418
23-Apr	1103	1.80E+04	0:01:00	1.381
23-Apr	1104	1.82E+04	0:01:00	1.362
23-Apr	1105	1.78E+04	0:01:00	1.399
23-Apr	1106	1.78E+04	0:01:00	1.399
23-Apr	1107	1.78E+04	0:01:00	1.399
23-Apr	1108	1.76E+04	0:01:00	1.418
23-Apr	1109	1.76E+04	0:01:00	1.418
23-Apr	1111	1.74E+04	0:01:00	1.437
23-Apr	1112	1.76E+04	0:01:00	1.418
23-Apr	1113	1.72E+04	0:01:00	1.457
23-Apr	1114	1.76E+04	0:01:00	1.418
23-Apr	1115	1.73E+04	0:01:00	1.447
23-Apr	1116	1.74E+04	0:01:00	1.437
23-Apr	1117	1.72E+04	0:01:00	1.457
23-Apr	1118	1.75E+04	0:01:00	1.428
23-Apr	1119	1.74E+04	0:01:00	1.437
23-Apr	1120	1.72E+04	0:01:00	1.457
23-Apr	1121	1.72E+04	0:01:00	1.457
23-Apr	1122	1.73E+04	0:01:00	1.447
23-Apr	1123	1.71E+04	0:01:00	1.467
23-Apr	1124	1.74E+04	0:01:00	1.437
23-Apr	1125	1.75E+04	0:01:00	1.428
23-Apr	1126	1.75E+04	0:01:00	1.428
23-Apr	1127	1.75E+04	0:01:00	1.428
23-Apr	1128	1.75E+04	0:01:00	1.428

23-Apr	1129	1.78E+04	0:01:00	1.399
23-Apr	1130	1.75E+04	0:01:00	1.428
23-Apr	1131	1.76E+04	0:01:00	1.418
23-Apr	1132	1.71E+04	0:01:00	1.467
23-Apr	1133	1.72E+04	0:01:00	1.457
23-Apr	1134	1.77E+04	0:01:00	1.409
23-Apr	1135	1.71E+04	0:01:00	1.467
23-Apr	1136	1.70E+04	0:01:00	1.476
23-Apr	1137	1.72E+04	0:01:00	1.457
23-Apr	1138	1.75E+04	0:01:00	1.428
23-Apr	1139	1.75E+04	0:01:00	1.428
23-Apr	1140	1.74E+04	0:01:00	1.437
23-Apr	1141	1.78E+04	0:01:00	1.399
23-Apr	1142	1.77E+04	0:01:00	1.409
23-Apr	1143	1.74E+04	0:01:00	1.437
23-Apr	1145	1.72E+04	0:01:00	1.457
23-Apr	1146	1.74E+04	0:01:00	1.437
23-Apr	1147	1.76E+04	0:01:00	1.418
23-Apr	1148	1.74E+04	0:01:00	1.437
23-Apr	1149	1.77E+04	0:01:00	1.409
23-Apr	1150	1.76E+04	0:01:00	1.418
23-Apr	1151	1.78E+04	0:01:00	1.399
23-Apr	1152	1.77E+04	0:01:00	1.409
23-Apr	1153	1.76E+04	0:01:00	1.418
23-Apr	1154	1.78E+04	0:01:00	1.399
23-Apr	1155	1.78E+04	0:01:00	1.399
23-Apr	1156	1.78E+04	0:01:00	1.399
23-Apr	1157	1.79E+04	0:01:00	1.390
23-Apr	1158	1.73E+04	0:01:00	1.447
23-Apr	1159	1.79E+04	0:01:00	1.390
23-Apr	1200	1.75E+04	0:01:00	1.428
23-Apr	1201	1.76E+04	0:01:00	1.418
23-Apr	1202	1.79E+04	0:01:00	1.390
23-Apr	1203	1.77E+04	0:01:00	1.409
23-Apr	1204	1.78E+04	0:01:00	1.399
23-Apr	1205	1.79E+04	0:01:00	1.390
23-Apr	1206	1.81E+04	0:01:00	1.371
23-Apr	1207	1.75E+04	0:01:00	1.428
23-Apr	1208	1.79E+04	0:01:00	1.390
23-Apr	1209	1.80E+04	0:01:00	1.381
23-Apr	1210	1.78E+04	0:01:00	1.399
23-Apr	1211	1.76E+04	0:01:00	1.418
23-Apr	1212	1.78E+04	0:01:00	1.399
23-Apr	1213	1.76E+04	0:01:00	1.418
23-Apr	1214	1.74E+04	0:01:00	1.437
23-Apr	1215	1.75E+04	0:01:00	1.428
23-Apr	1216	1.79E+04	0:01:00	1.390
23-Apr	1218	1.81E+04	0:01:00	1.371
23-Apr	1219	1.79E+04	0:01:00	1.390

23-Apr	1220	1.82E+04	0:01:00	1.362
23-Apr	1221	1.75E+04	0:01:00	1.428
23-Apr	1222	1.75E+04	0:01:00	1.428
23-Apr	1223	1.74E+04	0:01:00	1.437
23-Apr	1224	1.75E+04	0:01:00	1.428
23-Apr	1225	1.78E+04	0:01:00	1.399
23-Apr	1226	1.78E+04	0:01:00	1.399
23-Apr	1227	1.76E+04	0:01:00	1.418
23-Apr	1228	1.77E+04	0:01:00	1.409
23-Apr	1229	1.80E+04	0:01:00	1.381
23-Apr	1230	1.78E+04	0:01:00	1.399
23-Apr	1231	1.75E+04	0:01:00	1.428
23-Apr	1232	1.72E+04	0:01:00	1.457
23-Apr	1233	1.79E+04	0:01:00	1.390
23-Apr	1234	1.76E+04	0:01:00	1.418
23-Apr	1235	1.75E+04	0:01:00	1.428
23-Apr	1236	1.77E+04	0:01:00	1.409
23-Apr	1237	1.77E+04	0:01:00	1.409
23-Apr	1238	1.79E+04	0:01:00	1.390
23-Apr	1239	1.76E+04	0:01:00	1.418
23-Apr	1240	1.75E+04	0:01:00	1.428
23-Apr	1241	1.69E+04	0:01:00	1.486
23-Apr	1242	1.65E+04	0:01:00	1.527
23-Apr	1243	1.75E+04	0:01:00	1.428
23-Apr	1244	1.72E+04	0:01:00	1.457
23-Apr	1245	1.79E+04	0:01:00	1.390
23-Apr	1246	1.78E+04	0:01:00	1.399
23-Apr	1247	1.77E+04	0:01:00	1.409
23-Apr	1248	1.76E+04	0:01:00	1.418
23-Apr	1249	1.74E+04	0:01:00	1.437
23-Apr	1250	1.72E+04	0:01:00	1.457
23-Apr	1252	1.73E+04	0:01:00	1.447
23-Apr	1253	1.68E+04	0:01:00	1.496
23-Apr	1254	1.73E+04	0:01:00	1.447
23-Apr	1255	1.72E+04	0:01:00	1.457
23-Apr	1256	1.72E+04	0:01:00	1.457
23-Apr	1257	1.75E+04	0:01:00	1.428
23-Apr	1258	1.74E+04	0:01:00	1.437
23-Apr	1259	1.75E+04	0:01:00	1.428
23-Apr	1300	1.77E+04	0:01:00	1.409
23-Apr	1301	1.76E+04	0:01:00	1.418
23-Apr	1302	1.91E+04	0:01:00	1.281
23-Apr	1303	4.00E+04	0:01:00	0.041
23-Apr	1304	4.12E+04	0:01:00	-0.008
23-Apr	1305	2.26E+04	0:01:00	0.999
23-Apr	1306	1.84E+04	0:01:00	1.344
23-Apr	1307	1.80E+04	0:01:00	1.381
23-Apr	1308	1.81E+04	0:01:00	1.371
23-Apr	1309	1.80E+04	0:01:00	1.381

PARTIAL BELT
EMPTY BELT
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23-Apr	1310	1.81E+04	0:01:00	1.371
23-Apr	1311	1.79E+04	0:01:00	1.390
23-Apr	1312	1.76E+04	0:01:00	1.418
23-Apr	1313	1.77E+04	0:01:00	1.409
23-Apr	1314	1.77E+04	0:01:00	1.409
23-Apr	1315	1.77E+04	0:01:00	1.409
23-Apr	1316	1.80E+04	0:01:00	1.381
23-Apr	1317	1.76E+04	0:01:00	1.418
23-Apr	1318	1.74E+04	0:01:00	1.437
23-Apr	1319	1.74E+04	0:01:00	1.437
23-Apr	1320	1.73E+04	0:01:00	1.447
23-Apr	1321	1.72E+04	0:01:00	1.457
23-Apr	1322	1.77E+04	0:01:00	1.409
23-Apr	1323	1.74E+04	0:01:00	1.437
23-Apr	1325	1.76E+04	0:01:00	1.418
23-Apr	1326	1.78E+04	0:01:00	1.399
23-Apr	1327	1.75E+04	0:01:00	1.428
23-Apr	1328	1.77E+04	0:01:00	1.409
23-Apr	1329	1.80E+04	0:01:00	1.381
23-Apr	1330	1.78E+04	0:01:00	1.399
23-Apr	1331	1.76E+04	0:01:00	1.418
23-Apr	1332	1.77E+04	0:01:00	1.409
23-Apr	1333	1.79E+04	0:01:00	1.390
23-Apr	1334	1.72E+04	0:01:00	1.457
23-Apr	1335	1.78E+04	0:01:00	1.399
23-Apr	1336	1.73E+04	0:01:00	1.447
23-Apr	1337	1.74E+04	0:01:00	1.437
23-Apr	1338	1.70E+04	0:01:00	1.476
23-Apr	1339	1.73E+04	0:01:00	1.447
23-Apr	1340	1.71E+04	0:01:00	1.467
23-Apr	1341	1.73E+04	0:01:00	1.447
23-Apr	1342	1.73E+04	0:01:00	1.447
23-Apr	1343	1.77E+04	0:01:00	1.409
23-Apr	1344	1.72E+04	0:01:00	1.457
23-Apr	1345	1.73E+04	0:01:00	1.447
23-Apr	1346	1.78E+04	0:01:00	1.399
23-Apr	1347	1.76E+04	0:01:00	1.418
23-Apr	1348	1.76E+04	0:01:00	1.418
23-Apr	1349	1.75E+04	0:01:00	1.428
23-Apr	1350	1.77E+04	0:01:00	1.409
23-Apr	1351	1.83E+04	0:01:00	1.353
23-Apr	1352	1.74E+04	0:01:00	1.437
23-Apr	1353	1.75E+04	0:01:00	1.428
24-Apr	805	1.76E+04	0:01:00	1.418
24-Apr	806	1.77E+04	0:01:00	1.409
24-Apr	807	1.75E+04	0:01:00	1.428
24-Apr	808	1.74E+04	0:01:00	1.437
24-Apr	809	1.90E+04	0:01:00	1.290
24-Apr	810	1.93E+04	0:01:00	1.264

24-Apr	811	1.75E+04	0:01:00	1.428
24-Apr	812	1.74E+04	0:01:00	1.437
24-Apr	813	1.71E+04	0:01:00	1.467
24-Apr	814	1.72E+04	0:01:00	1.457
24-Apr	815	1.72E+04	0:01:00	1.457
24-Apr	816	1.72E+04	0:01:00	1.457
24-Apr	817	1.72E+04	0:01:00	1.457
24-Apr	818	1.73E+04	0:01:00	1.447
24-Apr	819	1.74E+04	0:01:00	1.437
24-Apr	828	3.88E+04	0:01:00	0.092
24-Apr	829	3.93E+04	0:01:00	0.071
24-Apr	830	3.89E+04	0:01:00	0.088
24-Apr	831	3.85E+04	0:01:00	0.106
12-May	815	1.83E+04	0:01:00	1.353
12-May	816	1.83E+04	0:01:00	1.353
12-May	817	1.81E+04	0:01:00	1.371
12-May	818	1.83E+04	0:01:00	1.353
12-May	819	1.84E+04	0:01:00	1.344
12-May	820	1.83E+04	0:01:00	1.353
12-May	821	1.87E+04	0:01:00	1.317
12-May	822	1.83E+04	0:01:00	1.353
12-May	823	1.82E+04	0:01:00	1.362
12-May	824	1.78E+04	0:01:00	1.399
12-May	825	1.83E+04	0:01:00	1.353
12-May	826	1.79E+04	0:01:00	1.390
12-May	827	1.79E+04	0:01:00	1.390
12-May	828	1.76E+04	0:01:00	1.418
12-May	829	1.76E+04	0:01:00	1.418
12-May	830	1.81E+04	0:01:00	1.371
12-May	831	1.82E+04	0:01:00	1.362
12-May	832	1.80E+04	0:01:00	1.381
12-May	833	1.78E+04	0:01:00	1.399
12-May	835	1.81E+04	0:01:00	1.371
12-May	836	1.81E+04	0:01:00	1.371
12-May	837	1.83E+04	0:01:00	1.353
12-May	838	1.86E+04	0:01:00	1.326
12-May	839	1.85E+04	0:01:00	1.335
12-May	840	1.82E+04	0:01:00	1.362
12-May	841	1.82E+04	0:01:00	1.362
12-May	842	1.85E+04	0:01:00	1.335
12-May	843	1.80E+04	0:01:00	1.381
12-May	844	1.87E+04	0:01:00	1.317
12-May	845	1.85E+04	0:01:00	1.335
12-May	846	1.77E+04	0:01:00	1.409
12-May	847	1.75E+04	0:01:00	1.428
12-May	848	1.72E+04	0:01:00	1.457
12-May	849	1.72E+04	0:01:00	1.457
12-May	850	1.80E+04	0:01:00	1.381
12-May	851	1.79E+04	0:01:00	1.390

EMPTY BELT
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12-May	852	1.79E+04	0:01:00	1.390
12-May	853	1.80E+04	0:01:00	1.381
12-May	854	1.79E+04	0:01:00	1.390
12-May	855	1.79E+04	0:01:00	1.390
12-May	856	1.83E+04	0:01:00	1.353
12-May	857	1.85E+04	0:01:00	1.335
12-May	858	1.82E+04	0:01:00	1.362
12-May	859	1.81E+04	0:01:00	1.371
12-May	900	1.77E+04	0:01:00	1.409
12-May	901	1.82E+04	0:01:00	1.362
12-May	902	1.81E+04	0:01:00	1.371
12-May	903	1.84E+04	0:01:00	1.344
12-May	904	1.83E+04	0:01:00	1.353
12-May	905	1.84E+04	0:01:00	1.344
12-May	906	1.83E+04	0:01:00	1.353
12-May	908	1.83E+04	0:01:00	1.353
12-May	909	1.83E+04	0:01:00	1.353
12-May	910	1.86E+04	0:01:00	1.326
12-May	911	1.81E+04	0:01:00	1.371
12-May	912	1.83E+04	0:01:00	1.353
12-May	913	1.82E+04	0:01:00	1.362
12-May	914	1.79E+04	0:01:00	1.390
12-May	915	1.78E+04	0:01:00	1.399
12-May	916	1.78E+04	0:01:00	1.399
12-May	917	1.79E+04	0:01:00	1.390
12-May	918	1.79E+04	0:01:00	1.390
12-May	919	1.80E+04	0:01:00	1.381
12-May	920	1.84E+04	0:01:00	1.344
12-May	921	1.83E+04	0:01:00	1.353
12-May	922	1.88E+04	0:01:00	1.308
12-May	923	1.89E+04	0:01:00	1.299
12-May	924	1.85E+04	0:01:00	1.335
12-May	925	1.87E+04	0:01:00	1.317
12-May	926	1.82E+04	0:01:00	1.362
12-May	927	1.85E+04	0:01:00	1.335
12-May	928	1.88E+04	0:01:00	1.308
12-May	929	1.84E+04	0:01:00	1.344
12-May	930	1.87E+04	0:01:00	1.317
12-May	931	1.88E+04	0:01:00	1.308
12-May	932	1.92E+04	0:01:00	1.272
12-May	933	1.91E+04	0:01:00	1.281
12-May	934	1.90E+04	0:01:00	1.290
12-May	935	1.90E+04	0:01:00	1.290
12-May	936	1.89E+04	0:01:00	1.299
12-May	937	1.88E+04	0:01:00	1.308
12-May	938	1.88E+04	0:01:00	1.308
12-May	939	1.88E+04	0:01:00	1.308
12-May	940	1.87E+04	0:01:00	1.317
12-May	942	1.85E+04	0:01:00	1.335

12-May	943	1.84E+04	0:01:00	1.344
12-May	944	1.85E+04	0:01:00	1.335
12-May	945	1.82E+04	0:01:00	1.362
12-May	946	1.82E+04	0:01:00	1.362
12-May	947	1.77E+04	0:01:00	1.409
12-May	948	1.74E+04	0:01:00	1.437
12-May	949	1.76E+04	0:01:00	1.418
12-May	950	1.77E+04	0:01:00	1.409
12-May	951	1.70E+04	0:01:00	1.476
12-May	952	1.66E+04	0:01:00	1.516
12-May	953	1.64E+04	0:01:00	1.537
12-May	954	1.67E+04	0:01:00	1.506
12-May	955	1.65E+04	0:01:00	1.527
12-May	956	1.76E+04	0:01:00	1.418
12-May	957	1.80E+04	0:01:00	1.381
12-May	958	1.81E+04	0:01:00	1.371
12-May	959	1.82E+04	0:01:00	1.362
12-May	1000	1.82E+04	0:01:00	1.362
12-May	1001	1.81E+04	0:01:00	1.371
12-May	1002	1.83E+04	0:01:00	1.353
12-May	1003	1.83E+04	0:01:00	1.353
12-May	1004	1.75E+04	0:01:00	1.428
12-May	1005	1.70E+04	0:01:00	1.476
12-May	1006	1.70E+04	0:01:00	1.476
12-May	1007	1.72E+04	0:01:00	1.457
12-May	1008	1.71E+04	0:01:00	1.467
12-May	1009	1.70E+04	0:01:00	1.476
12-May	1010	1.79E+04	0:01:00	1.390
12-May	1011	1.81E+04	0:01:00	1.371
12-May	1012	1.84E+04	0:01:00	1.344
12-May	1013	1.81E+04	0:01:00	1.371
12-May	1015	1.84E+04	0:01:00	1.344
12-May	1016	1.84E+04	0:01:00	1.344
12-May	1017	1.84E+04	0:01:00	1.344
12-May	1018	1.78E+04	0:01:00	1.399
12-May	1019	1.75E+04	0:01:00	1.428
12-May	1020	1.69E+04	0:01:00	1.486
12-May	1021	1.69E+04	0:01:00	1.486
12-May	1022	1.66E+04	0:01:00	1.516
12-May	1023	1.68E+04	0:01:00	1.496
12-May	1024	1.67E+04	0:01:00	1.506
12-May	1025	1.69E+04	0:01:00	1.486
12-May	1026	1.69E+04	0:01:00	1.486
12-May	1027	1.71E+04	0:01:00	1.467
12-May	1028	1.62E+04	0:01:00	1.557
12-May	1029	1.62E+04	0:01:00	1.557
12-May	1030	1.63E+04	0:01:00	1.547
12-May	1031	1.66E+04	0:01:00	1.516
12-May	1032	1.68E+04	0:01:00	1.496

12-May	1033	1.72E+04	0:01:00	1.457
12-May	1034	1.75E+04	0:01:00	1.428
12-May	1035	1.75E+04	0:01:00	1.428
12-May	1036	1.76E+04	0:01:00	1.418
12-May	1037	1.76E+04	0:01:00	1.418
12-May	1038	1.80E+04	0:01:00	1.381
12-May	1039	1.76E+04	0:01:00	1.418
12-May	1040	1.80E+04	0:01:00	1.381
12-May	1041	1.83E+04	0:01:00	1.353
12-May	1042	1.80E+04	0:01:00	1.381
12-May	1043	1.79E+04	0:01:00	1.390
12-May	1044	1.81E+04	0:01:00	1.371
12-May	1045	1.77E+04	0:01:00	1.409
12-May	1046	1.80E+04	0:01:00	1.381
12-May	1047	1.80E+04	0:01:00	1.381
12-May	1049	1.80E+04	0:01:00	1.381
12-May	1050	1.74E+04	0:01:00	1.437
12-May	1051	1.76E+04	0:01:00	1.418
12-May	1052	1.82E+04	0:01:00	1.362
12-May	1053	1.77E+04	0:01:00	1.409
12-May	1054	1.79E+04	0:01:00	1.390
12-May	1055	1.80E+04	0:01:00	1.381
12-May	1056	1.82E+04	0:01:00	1.362
12-May	1057	1.83E+04	0:01:00	1.353
12-May	1058	1.82E+04	0:01:00	1.362
12-May	1059	1.78E+04	0:01:00	1.399
12-May	1100	1.80E+04	0:01:00	1.381
12-May	1101	1.79E+04	0:01:00	1.390
12-May	1102	1.79E+04	0:01:00	1.390
12-May	1103	1.79E+04	0:01:00	1.390
12-May	1104	1.81E+04	0:01:00	1.371
12-May	1105	1.84E+04	0:01:00	1.344
12-May	1106	1.79E+04	0:01:00	1.390
12-May	1107	1.83E+04	0:01:00	1.353
12-May	1108	1.81E+04	0:01:00	1.371
12-May	1109	1.81E+04	0:01:00	1.371
12-May	1110	1.79E+04	0:01:00	1.390
12-May	1111	1.81E+04	0:01:00	1.371
12-May	1112	1.84E+04	0:01:00	1.344
12-May	1113	1.85E+04	0:01:00	1.335
12-May	1114	1.78E+04	0:01:00	1.399
12-May	1115	1.82E+04	0:01:00	1.362
12-May	1116	1.78E+04	0:01:00	1.399
12-May	1117	1.78E+04	0:01:00	1.399
12-May	1118	1.76E+04	0:01:00	1.418
12-May	1119	1.75E+04	0:01:00	1.428
12-May	1120	1.77E+04	0:01:00	1.409
12-May	1122	1.81E+04	0:01:00	1.371
12-May	1123	1.77E+04	0:01:00	1.409

12-May	1124	1.80E+04	0:01:00	1.381
12-May	1125	1.80E+04	0:01:00	1.381
12-May	1126	1.80E+04	0:01:00	1.381
12-May	1127	1.79E+04	0:01:00	1.390
12-May	1128	1.79E+04	0:01:00	1.390
12-May	1129	1.79E+04	0:01:00	1.390
12-May	1130	1.81E+04	0:01:00	1.371
12-May	1131	1.79E+04	0:01:00	1.390
12-May	1132	1.80E+04	0:01:00	1.381
12-May	1133	1.85E+04	0:01:00	1.335
12-May	1134	1.77E+04	0:01:00	1.409
12-May	1135	1.80E+04	0:01:00	1.381
12-May	1136	1.78E+04	0:01:00	1.399
12-May	1137	1.79E+04	0:01:00	1.390
12-May	1138	1.80E+04	0:01:00	1.381
12-May	1139	1.80E+04	0:01:00	1.381
12-May	1140	1.80E+04	0:01:00	1.381
12-May	1141	1.79E+04	0:01:00	1.390
12-May	1142	1.75E+04	0:01:00	1.428
12-May	1143	1.75E+04	0:01:00	1.428
12-May	1144	1.71E+04	0:01:00	1.467
12-May	1145	1.74E+04	0:01:00	1.437
12-May	1146	1.72E+04	0:01:00	1.457
12-May	1147	1.74E+04	0:01:00	1.437
12-May	1148	1.79E+04	0:01:00	1.390
12-May	1149	1.77E+04	0:01:00	1.409
12-May	1150	1.71E+04	0:01:00	1.467
12-May	1151	1.75E+04	0:01:00	1.428
12-May	1152	1.74E+04	0:01:00	1.437
12-May	1153	1.77E+04	0:01:00	1.409
12-May	1155	1.78E+04	0:01:00	1.399
12-May	1156	1.72E+04	0:01:00	1.457
12-May	1157	1.70E+04	0:01:00	1.476
12-May	1158	1.69E+04	0:01:00	1.486
12-May	1159	1.72E+04	0:01:00	1.457
12-May	1200	1.75E+04	0:01:00	1.428
12-May	1201	1.75E+04	0:01:00	1.428
12-May	1202	1.76E+04	0:01:00	1.418
12-May	1203	1.77E+04	0:01:00	1.409
12-May	1204	1.78E+04	0:01:00	1.399
12-May	1205	1.75E+04	0:01:00	1.428
12-May	1206	1.74E+04	0:01:00	1.437
12-May	1207	1.79E+04	0:01:00	1.390
12-May	1208	1.77E+04	0:01:00	1.409
12-May	1209	1.78E+04	0:01:00	1.399
12-May	1210	1.81E+04	0:01:00	1.371
12-May	1211	1.79E+04	0:01:00	1.390
12-May	1212	1.82E+04	0:01:00	1.362
12-May	1213	1.80E+04	0:01:00	1.381

12-May	1214	1.82E+04	0:01:00	1.362
12-May	1215	1.84E+04	0:01:00	1.344
12-May	1216	1.83E+04	0:01:00	1.353
12-May	1217	1.83E+04	0:01:00	1.353
12-May	1218	1.84E+04	0:01:00	1.344
12-May	1219	1.83E+04	0:01:00	1.353
12-May	1220	1.84E+04	0:01:00	1.344
12-May	1221	1.78E+04	0:01:00	1.399
12-May	1222	1.81E+04	0:01:00	1.371
12-May	1223	1.81E+04	0:01:00	1.371
12-May	1224	1.77E+04	0:01:00	1.409
12-May	1225	1.81E+04	0:01:00	1.371
12-May	1226	1.80E+04	0:01:00	1.381
12-May	1227	1.83E+04	0:01:00	1.353
12-May	1229	1.79E+04	0:01:00	1.390
12-May	1230	1.84E+04	0:01:00	1.344
12-May	1231	1.81E+04	0:01:00	1.371
12-May	1232	1.82E+04	0:01:00	1.362
12-May	1233	1.80E+04	0:01:00	1.381
12-May	1234	1.80E+04	0:01:00	1.381
12-May	1235	1.80E+04	0:01:00	1.381
12-May	1236	1.81E+04	0:01:00	1.371
12-May	1237	1.78E+04	0:01:00	1.399
12-May	1238	1.77E+04	0:01:00	1.409
12-May	1239	1.78E+04	0:01:00	1.399
12-May	1240	1.80E+04	0:01:00	1.381
12-May	1241	1.78E+04	0:01:00	1.399
12-May	1242	1.80E+04	0:01:00	1.381
12-May	1243	1.85E+04	0:01:00	1.335
12-May	1244	1.77E+04	0:01:00	1.409
12-May	1245	1.77E+04	0:01:00	1.409
12-May	1246	1.80E+04	0:01:00	1.381
12-May	1247	1.78E+04	0:01:00	1.399
12-May	1248	1.76E+04	0:01:00	1.418
12-May	1249	1.76E+04	0:01:00	1.418
12-May	1250	1.77E+04	0:01:00	1.409
12-May	1251	1.78E+04	0:01:00	1.399
12-May	1252	1.78E+04	0:01:00	1.399
12-May	1253	1.73E+04	0:01:00	1.447
12-May	1254	1.74E+04	0:01:00	1.437
12-May	1255	1.77E+04	0:01:00	1.409
12-May	1256	1.76E+04	0:01:00	1.418
12-May	1257	1.76E+04	0:01:00	1.418
12-May	1258	1.76E+04	0:01:00	1.418
12-May	1259	1.77E+04	0:01:00	1.409
12-May	1300	1.76E+04	0:01:00	1.418
12-May	1302	1.79E+04	0:01:00	1.390
12-May	1303	1.75E+04	0:01:00	1.428
12-May	1304	1.75E+04	0:01:00	1.428

12-May	1305	1.75E+04	0:01:00	1.428
12-May	1306	1.76E+04	0:01:00	1.418
12-May	1307	1.76E+04	0:01:00	1.418
12-May	1308	1.71E+04	0:01:00	1.467
12-May	1309	1.79E+04	0:01:00	1.390
12-May	1310	1.73E+04	0:01:00	1.447
12-May	1311	1.82E+04	0:01:00	1.362
12-May	1312	1.82E+04	0:01:00	1.362
12-May	1313	1.76E+04	0:01:00	1.418
12-May	1314	1.76E+04	0:01:00	1.418
12-May	1315	1.76E+04	0:01:00	1.418
12-May	1316	1.76E+04	0:01:00	1.418
12-May	1317	1.77E+04	0:01:00	1.409
12-May	1318	1.77E+04	0:01:00	1.409
12-May	1319	1.80E+04	0:01:00	1.381
12-May	1320	1.79E+04	0:01:00	1.390
12-May	1321	1.73E+04	0:01:00	1.447
12-May	1322	1.73E+04	0:01:00	1.447
12-May	1323	1.81E+04	0:01:00	1.371
12-May	1324	1.76E+04	0:01:00	1.418
12-May	1325	1.66E+04	0:01:00	1.516
12-May	1326	1.66E+04	0:01:00	1.516
12-May	1327	1.70E+04	0:01:00	1.476
12-May	1328	1.70E+04	0:01:00	1.476
12-May	1329	1.75E+04	0:01:00	1.428
12-May	1330	1.72E+04	0:01:00	1.457
12-May	1331	1.71E+04	0:01:00	1.467
12-May	1332	1.72E+04	0:01:00	1.457
12-May	1333	1.78E+04	0:01:00	1.399
12-May	1334	1.80E+04	0:01:00	1.381
12-May	1336	1.77E+04	0:01:00	1.409
12-May	1337	1.76E+04	0:01:00	1.418
12-May	1338	1.78E+04	0:01:00	1.399
12-May	1339	1.70E+04	0:01:00	1.476
12-May	1340	1.74E+04	0:01:00	1.437
12-May	1341	1.72E+04	0:01:00	1.457
12-May	1342	1.70E+04	0:01:00	1.476
12-May	1343	1.73E+04	0:01:00	1.447
12-May	1344	1.73E+04	0:01:00	1.447
12-May	1345	1.70E+04	0:01:00	1.476
12-May	1346	1.71E+04	0:01:00	1.467
12-May	1347	1.71E+04	0:01:00	1.467
12-May	1348	1.72E+04	0:01:00	1.457
12-May	1349	1.71E+04	0:01:00	1.467
12-May	1350	1.69E+04	0:01:00	1.486
12-May	1351	1.69E+04	0:01:00	1.486
12-May	1352	1.70E+04	0:01:00	1.476
12-May	1353	1.74E+04	0:01:00	1.437
12-May	1354	1.74E+04	0:01:00	1.437

12-May	1355	1.68E+04	0:01:00	1.496
12-May	1356	1.71E+04	0:01:00	1.467
12-May	1357	1.72E+04	0:01:00	1.457
12-May	1358	1.74E+04	0:01:00	1.437
12-May	1359	1.74E+04	0:01:00	1.437
12-May	1400	1.72E+04	0:01:00	1.457
12-May	1401	1.75E+04	0:01:00	1.428
12-May	1402	1.77E+04	0:01:00	1.409
12-May	1403	1.79E+04	0:01:00	1.390
12-May	1404	1.72E+04	0:01:00	1.457
12-May	1405	1.70E+04	0:01:00	1.476
12-May	1406	1.68E+04	0:01:00	1.496
12-May	1407	1.69E+04	0:01:00	1.486
12-May	1409	1.78E+04	0:01:00	1.399
12-May	1410	1.72E+04	0:01:00	1.457
12-May	1411	1.75E+04	0:01:00	1.428
12-May	1412	1.71E+04	0:01:00	1.467
12-May	1413	1.68E+04	0:01:00	1.496
12-May	1414	1.68E+04	0:01:00	1.496
12-May	1415	1.70E+04	0:01:00	1.476
12-May	1416	1.81E+04	0:01:00	1.371
12-May	1417	1.93E+04	0:01:00	1.264
12-May	1418	1.92E+04	0:01:00	1.272
12-May	1419	1.82E+04	0:01:00	1.362
12-May	1420	1.78E+04	0:01:00	1.399
12-May	1421	1.83E+04	0:01:00	1.353
12-May	1422	1.88E+04	0:01:00	1.308
12-May	1423	1.86E+04	0:01:00	1.326
12-May	1424	1.82E+04	0:01:00	1.362
12-May	1425	1.84E+04	0:01:00	1.344
12-May	1426	1.85E+04	0:01:00	1.335
12-May	1427	1.84E+04	0:01:00	1.344
12-May	1428	1.83E+04	0:01:00	1.353
12-May	1429	1.83E+04	0:01:00	1.353
12-May	1430	1.86E+04	0:01:00	1.326
12-May	1431	1.84E+04	0:01:00	1.344
12-May	1432	1.82E+04	0:01:00	1.362
12-May	1433	1.82E+04	0:01:00	1.362
12-May	1434	1.84E+04	0:01:00	1.344
12-May	1435	1.83E+04	0:01:00	1.353
12-May	1436	1.87E+04	0:01:00	1.317
12-May	1437	1.86E+04	0:01:00	1.326
12-May	1438	1.86E+04	0:01:00	1.326
12-May	1439	1.88E+04	0:01:00	1.308
12-May	1440	1.86E+04	0:01:00	1.326
12-May	1441	1.87E+04	0:01:00	1.317
12-May	1443	1.86E+04	0:01:00	1.326
12-May	1444	1.86E+04	0:01:00	1.326
12-May	1445	1.86E+04	0:01:00	1.326

12-May	1446	1.84E+04	0:01:00	1.344
12-May	1447	1.82E+04	0:01:00	1.362
12-May	1448	1.84E+04	0:01:00	1.344
12-May	1449	1.86E+04	0:01:00	1.326
12-May	1450	1.85E+04	0:01:00	1.335
12-May	1451	1.83E+04	0:01:00	1.353
12-May	1452	1.81E+04	0:01:00	1.371
12-May	1453	1.85E+04	0:01:00	1.335
12-May	1454	1.86E+04	0:01:00	1.326
12-May	1455	1.81E+04	0:01:00	1.371
12-May	1456	1.82E+04	0:01:00	1.362
12-May	1457	1.77E+04	0:01:00	1.409
12-May	1458	1.83E+04	0:01:00	1.353
12-May	1459	1.82E+04	0:01:00	1.362
12-May	1500	1.81E+04	0:01:00	1.371
12-May	1501	1.84E+04	0:01:00	1.344
12-May	1502	1.80E+04	0:01:00	1.381
12-May	1503	1.86E+04	0:01:00	1.326
12-May	1504	1.85E+04	0:01:00	1.335
12-May	1505	1.84E+04	0:01:00	1.344
12-May	1506	1.81E+04	0:01:00	1.371
12-May	1507	1.83E+04	0:01:00	1.353
12-May	1508	1.81E+04	0:01:00	1.371
12-May	1509	1.84E+04	0:01:00	1.344
12-May	1510	1.83E+04	0:01:00	1.353
12-May	1511	1.83E+04	0:01:00	1.353
12-May	1512	1.81E+04	0:01:00	1.371
12-May	1513	1.83E+04	0:01:00	1.353
12-May	1514	1.84E+04	0:01:00	1.344
12-May	1516	1.79E+04	0:01:00	1.390
12-May	1517	1.84E+04	0:01:00	1.344
12-May	1518	1.80E+04	0:01:00	1.381
12-May	1519	1.84E+04	0:01:00	1.344
12-May	1520	1.83E+04	0:01:00	1.353
12-May	1521	1.85E+04	0:01:00	1.335
12-May	1522	1.82E+04	0:01:00	1.362
12-May	1523	1.76E+04	0:01:00	1.418
12-May	1524	1.83E+04	0:01:00	1.353
12-May	1525	1.84E+04	0:01:00	1.344
12-May	1526	1.83E+04	0:01:00	1.353
12-May	1527	1.84E+04	0:01:00	1.344
12-May	1528	1.85E+04	0:01:00	1.335
12-May	1529	1.88E+04	0:01:00	1.308
12-May	1530	1.85E+04	0:01:00	1.335
12-May	1531	1.86E+04	0:01:00	1.326
12-May	1532	1.86E+04	0:01:00	1.326
12-May	1533	1.85E+04	0:01:00	1.335
12-May	1534	1.84E+04	0:01:00	1.344
12-May	1535	1.81E+04	0:01:00	1.371

12-May	1536	1.85E+04	0:01:00	1.335
12-May	1537	1.82E+04	0:01:00	1.362
12-May	1538	1.86E+04	0:01:00	1.326
12-May	1539	1.86E+04	0:01:00	1.326
12-May	1540	1.88E+04	0:01:00	1.308
12-May	1541	1.84E+04	0:01:00	1.344
12-May	1542	1.85E+04	0:01:00	1.335
12-May	1543	1.81E+04	0:01:00	1.371
12-May	1544	1.80E+04	0:01:00	1.381
12-May	1545	1.89E+04	0:01:00	1.299
12-May	1546	1.88E+04	0:01:00	1.308
12-May	1547	1.86E+04	0:01:00	1.326
12-May	1548	1.86E+04	0:01:00	1.326
12-May	1550	1.85E+04	0:01:00	1.335
12-May	1551	1.81E+04	0:01:00	1.371
12-May	1552	1.82E+04	0:01:00	1.362
12-May	1553	1.82E+04	0:01:00	1.362
12-May	1554	1.80E+04	0:01:00	1.381
12-May	1555	1.78E+04	0:01:00	1.399
12-May	1556	1.79E+04	0:01:00	1.390
12-May	1557	1.82E+04	0:01:00	1.362
12-May	1558	1.80E+04	0:01:00	1.381
12-May	1559	1.80E+04	0:01:00	1.381
12-May	1600	1.81E+04	0:01:00	1.371
12-May	1601	1.81E+04	0:01:00	1.371
12-May	1602	1.81E+04	0:01:00	1.371
12-May	1603	1.81E+04	0:01:00	1.371
12-May	1604	1.80E+04	0:01:00	1.381
12-May	1605	1.81E+04	0:01:00	1.371
12-May	1606	1.79E+04	0:01:00	1.390
12-May	1607	1.81E+04	0:01:00	1.371
12-May	1608	1.74E+04	0:01:00	1.437
12-May	1609	1.80E+04	0:01:00	1.381
12-May	1610	1.82E+04	0:01:00	1.362
12-May	1611	1.87E+04	0:01:00	1.317
12-May	1612	1.83E+04	0:01:00	1.353
12-May	1613	1.83E+04	0:01:00	1.353
12-May	1614	1.85E+04	0:01:00	1.335
12-May	1615	1.83E+04	0:01:00	1.353
12-May	1616	1.84E+04	0:01:00	1.344
12-May	1617	1.90E+04	0:01:00	1.290
12-May	1618	1.86E+04	0:01:00	1.326
12-May	1619	1.85E+04	0:01:00	1.335
12-May	1620	1.84E+04	0:01:00	1.344
12-May	1621	1.84E+04	0:01:00	1.344
12-May	1623	1.86E+04	0:01:00	1.326
12-May	1624	1.88E+04	0:01:00	1.308
12-May	1625	1.94E+04	0:01:00	1.255
12-May	1626	1.85E+04	0:01:00	1.335

12-May	1627	1.86E+04	0:01:00	1.326
12-May	1628	1.83E+04	0:01:00	1.353
12-May	1629	1.87E+04	0:01:00	1.317
12-May	1630	1.81E+04	0:01:00	1.371
12-May	1631	1.89E+04	0:01:00	1.299
12-May	1632	2.07E+04	0:01:00	1.146
12-May	1633	2.06E+04	0:01:00	1.154
12-May	1634	1.82E+04	0:01:00	1.362
12-May	1635	1.76E+04	0:01:00	1.418
12-May	1636	1.76E+04	0:01:00	1.418
12-May	1637	1.80E+04	0:01:00	1.381
12-May	1638	1.80E+04	0:01:00	1.381
12-May	1639	1.80E+04	0:01:00	1.381
12-May	1640	1.81E+04	0:01:00	1.371
12-May	1641	1.84E+04	0:01:00	1.344
12-May	1642	1.80E+04	0:01:00	1.381
12-May	1643	1.90E+04	0:01:00	1.290
12-May	1644	1.90E+04	0:01:00	1.290
12-May	1645	1.88E+04	0:01:00	1.308
12-May	1646	1.87E+04	0:01:00	1.317
12-May	1647	1.83E+04	0:01:00	1.353
12-May	1648	1.85E+04	0:01:00	1.335
12-May	1649	1.81E+04	0:01:00	1.371
12-May	1650	1.86E+04	0:01:00	1.326
12-May	1651	1.90E+04	0:01:00	1.290
12-May	1652	1.91E+04	0:01:00	1.281
12-May	1653	1.81E+04	0:01:00	1.371
12-May	1654	1.80E+04	0:01:00	1.381
12-May	1655	1.76E+04	0:01:00	1.418
12-May	1657	1.73E+04	0:01:00	1.447
12-May	1658	1.74E+04	0:01:00	1.437
12-May	1659	1.95E+04	0:01:00	1.246
12-May	1700	2.26E+04	0:01:00	0.999
12-May	1701	3.80E+04	0:01:00	0.127
12-May	1702	4.24E+04	0:01:00	-0.056
15-May	833	1.89E+04	0:01:00	1.299
15-May	834	1.89E+04	0:01:00	1.299
15-May	835	1.83E+04	0:01:00	1.353
15-May	836	1.84E+04	0:01:00	1.344
15-May	837	1.82E+04	0:01:00	1.362
15-May	838	1.89E+04	0:01:00	1.299
15-May	839	1.81E+04	0:01:00	1.371
15-May	840	1.74E+04	0:01:00	1.437
15-May	841	1.66E+04	0:01:00	1.516
15-May	842	1.64E+04	0:01:00	1.537
15-May	843	1.62E+04	0:01:00	1.557
15-May	844	1.63E+04	0:01:00	1.547
15-May	845	1.64E+04	0:01:00	1.537
15-May	846	1.82E+04	0:01:00	1.362

15-May	847	1.88E+04	0:01:00	1.308
15-May	848	1.87E+04	0:01:00	1.317
15-May	849	1.88E+04	0:01:00	1.308
15-May	851	1.88E+04	0:01:00	1.308
15-May	852	1.88E+04	0:01:00	1.308
15-May	853	1.81E+04	0:01:00	1.371
15-May	854	1.86E+04	0:01:00	1.326
15-May	855	1.93E+04	0:01:00	1.264
15-May	856	1.88E+04	0:01:00	1.308
15-May	857	1.89E+04	0:01:00	1.299
15-May	858	1.87E+04	0:01:00	1.317
15-May	859	1.84E+04	0:01:00	1.344
15-May	900	1.90E+04	0:01:00	1.290
15-May	901	1.86E+04	0:01:00	1.326
15-May	902	1.85E+04	0:01:00	1.335
15-May	903	1.83E+04	0:01:00	1.353
15-May	904	1.79E+04	0:01:00	1.390
15-May	905	1.79E+04	0:01:00	1.390
15-May	906	1.78E+04	0:01:00	1.399
15-May	907	1.79E+04	0:01:00	1.390
15-May	908	1.78E+04	0:01:00	1.399
15-May	909	1.85E+04	0:01:00	1.335
15-May	910	1.82E+04	0:01:00	1.362
15-May	911	1.81E+04	0:01:00	1.371
15-May	912	1.80E+04	0:01:00	1.381
15-May	913	1.79E+04	0:01:00	1.390
15-May	914	1.84E+04	0:01:00	1.344
15-May	915	1.78E+04	0:01:00	1.399
15-May	916	1.81E+04	0:01:00	1.371
15-May	917	1.79E+04	0:01:00	1.390
15-May	918	1.84E+04	0:01:00	1.344
15-May	919	1.82E+04	0:01:00	1.362
15-May	920	1.81E+04	0:01:00	1.371
15-May	921	1.85E+04	0:01:00	1.335
15-May	922	1.81E+04	0:01:00	1.371
15-May	924	1.78E+04	0:01:00	1.399
15-May	925	1.81E+04	0:01:00	1.371
15-May	926	1.84E+04	0:01:00	1.344
15-May	927	1.83E+04	0:01:00	1.353
15-May	928	1.81E+04	0:01:00	1.371
15-May	929	1.81E+04	0:01:00	1.371
15-May	930	1.84E+04	0:01:00	1.344
15-May	931	1.81E+04	0:01:00	1.371
15-May	932	1.80E+04	0:01:00	1.381
15-May	933	1.77E+04	0:01:00	1.409
15-May	934	1.82E+04	0:01:00	1.362
15-May	935	1.82E+04	0:01:00	1.362
15-May	936	1.80E+04	0:01:00	1.381
15-May	937	1.82E+04	0:01:00	1.362

15-May	938	1.84E+04	0:01:00	1.344
15-May	939	1.81E+04	0:01:00	1.371
15-May	940	1.82E+04	0:01:00	1.362
15-May	941	1.84E+04	0:01:00	1.344
15-May	942	1.90E+04	0:01:00	1.290
15-May	943	1.89E+04	0:01:00	1.299
15-May	944	1.86E+04	0:01:00	1.326
15-May	945	1.82E+04	0:01:00	1.362
15-May	946	1.81E+04	0:01:00	1.371
15-May	947	1.87E+04	0:01:00	1.317
15-May	948	1.83E+04	0:01:00	1.353
15-May	949	1.87E+04	0:01:00	1.317
15-May	950	1.84E+04	0:01:00	1.344
15-May	951	1.87E+04	0:01:00	1.317
15-May	952	1.89E+04	0:01:00	1.299
15-May	953	1.86E+04	0:01:00	1.326
15-May	954	1.86E+04	0:01:00	1.326
15-May	955	1.81E+04	0:01:00	1.371
15-May	956	1.82E+04	0:01:00	1.362
15-May	958	1.86E+04	0:01:00	1.326
15-May	959	1.82E+04	0:01:00	1.362
15-May	1000	1.79E+04	0:01:00	1.390
15-May	1001	1.83E+04	0:01:00	1.353
15-May	1002	1.81E+04	0:01:00	1.371
15-May	1003	1.81E+04	0:01:00	1.371
15-May	1004	1.84E+04	0:01:00	1.344
15-May	1005	1.83E+04	0:01:00	1.353
15-May	1006	1.83E+04	0:01:00	1.353
15-May	1007	1.83E+04	0:01:00	1.353
15-May	1008	1.82E+04	0:01:00	1.362
15-May	1009	1.87E+04	0:01:00	1.317
15-May	1010	1.87E+04	0:01:00	1.317
15-May	1011	1.94E+04	0:01:00	1.255
15-May	1012	1.89E+04	0:01:00	1.299
15-May	1013	1.92E+04	0:01:00	1.272
15-May	1014	1.84E+04	0:01:00	1.344
15-May	1015	1.89E+04	0:01:00	1.299
15-May	1016	1.83E+04	0:01:00	1.353
15-May	1017	1.76E+04	0:01:00	1.418
15-May	1018	1.81E+04	0:01:00	1.371
15-May	1019	1.83E+04	0:01:00	1.353
15-May	1020	1.81E+04	0:01:00	1.371
15-May	1021	1.87E+04	0:01:00	1.317
15-May	1022	1.81E+04	0:01:00	1.371
15-May	1023	1.86E+04	0:01:00	1.326
15-May	1024	1.85E+04	0:01:00	1.335
15-May	1025	1.83E+04	0:01:00	1.353
15-May	1026	1.87E+04	0:01:00	1.317
15-May	1027	1.82E+04	0:01:00	1.362

15-May	1028	1.84E+04	0:01:00	1.344
15-May	1029	1.78E+04	0:01:00	1.399
15-May	1030	1.81E+04	0:01:00	1.371
15-May	1032	1.85E+04	0:01:00	1.335
15-May	1033	1.91E+04	0:01:00	1.281
15-May	1034	1.81E+04	0:01:00	1.371
15-May	1035	1.79E+04	0:01:00	1.390
15-May	1036	1.84E+04	0:01:00	1.344
15-May	1037	1.83E+04	0:01:00	1.353
15-May	1038	1.83E+04	0:01:00	1.353
15-May	1039	1.80E+04	0:01:00	1.381
15-May	1040	1.81E+04	0:01:00	1.371
15-May	1041	1.84E+04	0:01:00	1.344
15-May	1042	1.82E+04	0:01:00	1.362
15-May	1043	1.87E+04	0:01:00	1.317
15-May	1044	1.84E+04	0:01:00	1.344
15-May	1045	1.79E+04	0:01:00	1.390
15-May	1046	1.85E+04	0:01:00	1.335
15-May	1047	1.83E+04	0:01:00	1.353
15-May	1048	1.81E+04	0:01:00	1.371
15-May	1049	1.85E+04	0:01:00	1.335
15-May	1050	1.84E+04	0:01:00	1.344
15-May	1051	1.82E+04	0:01:00	1.362
15-May	1052	1.82E+04	0:01:00	1.362
15-May	1053	1.81E+04	0:01:00	1.371
15-May	1054	1.82E+04	0:01:00	1.362
15-May	1055	1.79E+04	0:01:00	1.390
15-May	1056	1.78E+04	0:01:00	1.399
15-May	1057	1.79E+04	0:01:00	1.390
15-May	1058	1.84E+04	0:01:00	1.344
15-May	1059	1.85E+04	0:01:00	1.335
15-May	1100	1.88E+04	0:01:00	1.308
15-May	1101	1.86E+04	0:01:00	1.326
15-May	1102	1.85E+04	0:01:00	1.335
15-May	1103	1.84E+04	0:01:00	1.344
15-May	1104	1.85E+04	0:01:00	1.335
15-May	1106	1.82E+04	0:01:00	1.362
15-May	1107	1.83E+04	0:01:00	1.353
15-May	1108	1.83E+04	0:01:00	1.353
15-May	1109	1.84E+04	0:01:00	1.344
15-May	1110	1.89E+04	0:01:00	1.299
15-May	1111	1.82E+04	0:01:00	1.362
15-May	1112	1.85E+04	0:01:00	1.335
15-May	1113	1.86E+04	0:01:00	1.326
15-May	1114	1.81E+04	0:01:00	1.371
15-May	1115	1.81E+04	0:01:00	1.371
15-May	1116	1.87E+04	0:01:00	1.317
15-May	1117	1.83E+04	0:01:00	1.353
15-May	1118	1.84E+04	0:01:00	1.344

15-May	1119	1.85E+04	0:01:00	1.335
15-May	1120	1.85E+04	0:01:00	1.335
15-May	1121	1.81E+04	0:01:00	1.371
15-May	1122	1.81E+04	0:01:00	1.371
15-May	1123	1.85E+04	0:01:00	1.335
15-May	1124	1.90E+04	0:01:00	1.290
15-May	1125	1.84E+04	0:01:00	1.344
15-May	1126	1.87E+04	0:01:00	1.317
15-May	1127	1.91E+04	0:01:00	1.281
15-May	1128	1.85E+04	0:01:00	1.335
15-May	1129	1.88E+04	0:01:00	1.308
15-May	1130	1.86E+04	0:01:00	1.326
15-May	1131	1.87E+04	0:01:00	1.317
15-May	1132	1.89E+04	0:01:00	1.299
15-May	1133	1.86E+04	0:01:00	1.326
15-May	1134	1.88E+04	0:01:00	1.308
15-May	1135	1.87E+04	0:01:00	1.317
15-May	1136	1.93E+04	0:01:00	1.264
15-May	1137	1.89E+04	0:01:00	1.299
15-May	1139	1.86E+04	0:01:00	1.326
15-May	1140	1.84E+04	0:01:00	1.344
15-May	1141	1.84E+04	0:01:00	1.344
15-May	1142	1.85E+04	0:01:00	1.335
15-May	1143	1.85E+04	0:01:00	1.335
15-May	1144	1.87E+04	0:01:00	1.317
15-May	1145	1.85E+04	0:01:00	1.335
15-May	1146	1.83E+04	0:01:00	1.353
15-May	1147	1.89E+04	0:01:00	1.299
15-May	1148	1.87E+04	0:01:00	1.317
15-May	1149	1.84E+04	0:01:00	1.344
15-May	1150	1.81E+04	0:01:00	1.371
15-May	1151	1.90E+04	0:01:00	1.290
15-May	1152	1.89E+04	0:01:00	1.299
15-May	1153	1.85E+04	0:01:00	1.335
15-May	1154	1.84E+04	0:01:00	1.344
15-May	1155	1.83E+04	0:01:00	1.353
15-May	1156	1.82E+04	0:01:00	1.362
15-May	1157	1.84E+04	0:01:00	1.344
15-May	1158	1.86E+04	0:01:00	1.326
15-May	1159	1.81E+04	0:01:00	1.371
15-May	1200	1.84E+04	0:01:00	1.344
15-May	1201	1.83E+04	0:01:00	1.353
15-May	1202	1.86E+04	0:01:00	1.326
15-May	1203	1.85E+04	0:01:00	1.335
15-May	1204	1.86E+04	0:01:00	1.326
15-May	1205	1.84E+04	0:01:00	1.344
15-May	1206	1.83E+04	0:01:00	1.353
15-May	1207	1.86E+04	0:01:00	1.326
15-May	1208	1.84E+04	0:01:00	1.344

15-May	1209	1.84E+04	0:01:00	1.344
15-May	1210	1.82E+04	0:01:00	1.362
15-May	1211	1.85E+04	0:01:00	1.335
15-May	1213	1.80E+04	0:01:00	1.381
15-May	1214	1.79E+04	0:01:00	1.390
15-May	1215	1.82E+04	0:01:00	1.362
15-May	1216	1.79E+04	0:01:00	1.390
15-May	1217	1.80E+04	0:01:00	1.381
15-May	1218	1.78E+04	0:01:00	1.399
15-May	1219	1.78E+04	0:01:00	1.399
15-May	1220	1.78E+04	0:01:00	1.399
15-May	1221	1.79E+04	0:01:00	1.390
15-May	1222	1.75E+04	0:01:00	1.428
15-May	1223	1.76E+04	0:01:00	1.418
15-May	1224	1.79E+04	0:01:00	1.390
15-May	1225	1.80E+04	0:01:00	1.381
15-May	1226	1.82E+04	0:01:00	1.362
15-May	1227	1.84E+04	0:01:00	1.344
15-May	1228	1.85E+04	0:01:00	1.335
15-May	1229	1.82E+04	0:01:00	1.362
15-May	1230	1.85E+04	0:01:00	1.335
15-May	1231	1.86E+04	0:01:00	1.326
15-May	1232	1.85E+04	0:01:00	1.335
15-May	1233	1.84E+04	0:01:00	1.344
15-May	1234	1.83E+04	0:01:00	1.353
15-May	1235	1.80E+04	0:01:00	1.381
15-May	1236	1.81E+04	0:01:00	1.371
15-May	1237	1.82E+04	0:01:00	1.362
15-May	1238	1.84E+04	0:01:00	1.344
15-May	1239	1.84E+04	0:01:00	1.344
15-May	1240	1.82E+04	0:01:00	1.362
15-May	1241	1.87E+04	0:01:00	1.317
15-May	1242	1.83E+04	0:01:00	1.353
15-May	1243	1.82E+04	0:01:00	1.362
15-May	1244	1.83E+04	0:01:00	1.353
15-May	1245	1.85E+04	0:01:00	1.335
15-May	1247	1.86E+04	0:01:00	1.326
15-May	1248	1.83E+04	0:01:00	1.353
15-May	1249	1.87E+04	0:01:00	1.317
15-May	1250	1.85E+04	0:01:00	1.335
15-May	1251	1.87E+04	0:01:00	1.317
15-May	1252	1.86E+04	0:01:00	1.326
15-May	1253	1.86E+04	0:01:00	1.326
15-May	1254	1.86E+04	0:01:00	1.326
15-May	1255	1.84E+04	0:01:00	1.344
15-May	1256	1.86E+04	0:01:00	1.326
15-May	1257	1.85E+04	0:01:00	1.335
15-May	1258	1.88E+04	0:01:00	1.308
15-May	1259	1.83E+04	0:01:00	1.353

15-May	1300	1.90E+04	0:01:00	1.290
15-May	1301	1.86E+04	0:01:00	1.326
15-May	1302	1.88E+04	0:01:00	1.308
15-May	1303	1.86E+04	0:01:00	1.326
15-May	1304	1.85E+04	0:01:00	1.335
15-May	1305	1.86E+04	0:01:00	1.326
15-May	1306	1.87E+04	0:01:00	1.317
15-May	1307	1.88E+04	0:01:00	1.308
15-May	1308	1.82E+04	0:01:00	1.362
15-May	1309	1.86E+04	0:01:00	1.326
15-May	1310	1.88E+04	0:01:00	1.308
15-May	1311	1.83E+04	0:01:00	1.353
15-May	1312	1.85E+04	0:01:00	1.335
15-May	1313	1.83E+04	0:01:00	1.353
15-May	1314	1.84E+04	0:01:00	1.344
15-May	1315	1.84E+04	0:01:00	1.344
15-May	1316	1.80E+04	0:01:00	1.381
15-May	1317	1.80E+04	0:01:00	1.381
15-May	1318	1.84E+04	0:01:00	1.344
15-May	1319	1.84E+04	0:01:00	1.344
15-May	1321	1.86E+04	0:01:00	1.326
15-May	1322	1.83E+04	0:01:00	1.353
15-May	1323	1.87E+04	0:01:00	1.317
15-May	1324	1.86E+04	0:01:00	1.326
15-May	1325	1.88E+04	0:01:00	1.308
15-May	1326	1.82E+04	0:01:00	1.362
15-May	1327	1.86E+04	0:01:00	1.326
15-May	1328	1.85E+04	0:01:00	1.335
15-May	1329	1.89E+04	0:01:00	1.299
15-May	1330	1.89E+04	0:01:00	1.299
15-May	1331	1.89E+04	0:01:00	1.299
15-May	1332	1.93E+04	0:01:00	1.264
15-May	1333	1.93E+04	0:01:00	1.264
15-May	1334	1.87E+04	0:01:00	1.317
15-May	1335	1.90E+04	0:01:00	1.290
15-May	1336	1.90E+04	0:01:00	1.290
15-May	1337	1.89E+04	0:01:00	1.299
15-May	1338	1.95E+04	0:01:00	1.246
15-May	1339	1.91E+04	0:01:00	1.281
15-May	1340	1.90E+04	0:01:00	1.290
15-May	1341	1.92E+04	0:01:00	1.272
15-May	1342	1.91E+04	0:01:00	1.281
15-May	1343	1.87E+04	0:01:00	1.317
15-May	1344	1.92E+04	0:01:00	1.272
15-May	1345	1.86E+04	0:01:00	1.326
15-May	1346	1.86E+04	0:01:00	1.326
15-May	1347	1.85E+04	0:01:00	1.335
15-May	1348	1.84E+04	0:01:00	1.344
15-May	1349	1.83E+04	0:01:00	1.353

15-May	1350	1.87E+04	0:01:00	1.317
15-May	1351	1.83E+04	0:01:00	1.353
15-May	1352	1.87E+04	0:01:00	1.317
15-May	1354	1.81E+04	0:01:00	1.371
15-May	1355	1.83E+04	0:01:00	1.353
15-May	1356	1.81E+04	0:01:00	1.371
15-May	1357	1.85E+04	0:01:00	1.335
15-May	1358	1.87E+04	0:01:00	1.317
15-May	1359	1.83E+04	0:01:00	1.353
15-May	1400	1.91E+04	0:01:00	1.281
15-May	1401	1.90E+04	0:01:00	1.290
15-May	1402	1.87E+04	0:01:00	1.317
15-May	1403	1.87E+04	0:01:00	1.317
15-May	1404	1.85E+04	0:01:00	1.335
15-May	1405	1.88E+04	0:01:00	1.308
15-May	1406	1.87E+04	0:01:00	1.317
15-May	1407	1.89E+04	0:01:00	1.299
15-May	1408	1.84E+04	0:01:00	1.344
15-May	1409	1.84E+04	0:01:00	1.344
15-May	1410	1.89E+04	0:01:00	1.299
15-May	1411	1.86E+04	0:01:00	1.326
15-May	1412	1.84E+04	0:01:00	1.344
15-May	1413	1.84E+04	0:01:00	1.344
15-May	1414	1.85E+04	0:01:00	1.335
15-May	1415	1.85E+04	0:01:00	1.335
15-May	1416	1.89E+04	0:01:00	1.299
15-May	1417	1.87E+04	0:01:00	1.317
15-May	1418	1.85E+04	0:01:00	1.335
15-May	1419	1.85E+04	0:01:00	1.335
15-May	1420	1.82E+04	0:01:00	1.362
15-May	1421	1.89E+04	0:01:00	1.299
15-May	1422	1.85E+04	0:01:00	1.335
15-May	1423	1.88E+04	0:01:00	1.308
15-May	1424	1.92E+04	0:01:00	1.272
15-May	1425	1.90E+04	0:01:00	1.290
15-May	1426	1.90E+04	0:01:00	1.290
15-May	1428	1.94E+04	0:01:00	1.255
15-May	1429	1.88E+04	0:01:00	1.308
15-May	1430	1.91E+04	0:01:00	1.281
15-May	1431	1.91E+04	0:01:00	1.281
15-May	1432	1.92E+04	0:01:00	1.272
15-May	1433	1.94E+04	0:01:00	1.255
15-May	1434	1.88E+04	0:01:00	1.308
15-May	1435	1.85E+04	0:01:00	1.335
15-May	1436	1.86E+04	0:01:00	1.326
15-May	1437	1.87E+04	0:01:00	1.317
15-May	1438	1.77E+04	0:01:00	1.409
15-May	1439	1.63E+04	0:01:00	1.547
15-May	1440	1.68E+04	0:01:00	1.496

15-May	1441	1.69E+04	0:01:00	1.486	
15-May	1442	1.71E+04	0:01:00	1.467	
15-May	1443	1.66E+04	0:01:00	1.516	
15-May	1444	1.67E+04	0:01:00	1.506	
15-May	1445	1.64E+04	0:01:00	1.537	
15-May	1446	1.81E+04	0:01:00	1.371	
15-May	1447	2.15E+04	0:01:00	1.083	PARTIAL BELT
15-May	1448	4.26E+04	0:01:00	-0.064	EMPTY BELT
15-May	1449	4.24E+04	0:01:00	-0.056	EMPTY BELT
15-May	1450	4.23E+04	0:01:00	-0.052	EMPTY BELT
15-May	1451	4.25E+04	0:01:00	-0.060	EMPTY BELT
15-May	1452	4.23E+04	0:01:00	-0.052	EMPTY BELT
15-May	1453	4.26E+04	0:01:00	-0.064	EMPTY BELT
15-May	1454	4.22E+04	0:01:00	-0.048	EMPTY BELT

APPENDIX G

JOHNSTON ATOLL PLUTONIUM SOIL CLEANUP

JULY 1993

DRAWING AND COMPUTER FILE LISTING

ORIGINAL PLANT DRAWINGS

CURRENT
DRAWING

FILENAME	DWG. #	REV. #	DATE	TITLE	
JIC35010	03-52-5-001	0	8/9/91	SORT SYS PRIM AREA PLATFORM MOD	Y
JIC35020	03-52-5-002	A	8/1/91	SORT SYS DECON SORT AREA PLAT MOD	Y
JIC35030	03-52-003	0	10/11/91	SORT SYS TRASH MAGNET S-404 STEEL DETAILS (INCOMPLETE)	Y
928E005A	03-57-5-003	0	5/15/91	ELEC SOLENOID PANEL LAYOUT/PNEUMATIC SY:	N
928E302A		A	4/10/91	CONTROL PANEL LAYOUT	N
928E401A		A	4/10/91	CONTROL PANEL LAYOUT	N
928E401A		A	11/26/91	ELEC SYMBOLS & LEGEND	N
J1E0010	01-54-0-001	0	11/20/91	ELEC LTG & GROUNDING PLAN - WEST	Y
J1E13010	01-54-3-001	0	11/15/91	ELEC LTG & GROUNDING PLAN - EAST	Y
J1E13020	01-54-3-002	0	11/15/91	POWER & CONTROL BLDG 795	Y
J1E14010	01-54-4-001	0	11/27/91	ELEC POWER PANEL & CONTROL	Y
J1E1402A	01-54-4-002	A	7/5/91	ELEC POWER PART PANEL SCH.	Y
J1E21020	02-54-1-002	A	9/11/91	ELEC PRIM SORT PWR & CONTROL PLAN	Y
J1E34010	03-54-4-001	0	11/27/91	ELEC CHASSI/DECON SORT P & C PLAN	N
J1E34020	03-54-4-002	A	10/15/91	ELEC GRAVIMETRIC SEP. P & C PLAN	N
J1E34030	03-54-4-003	0	11/27/91	ELEC SORT CONTROL PNL SCHEM DIA.	Y
J1E36012	03-54-6-001	1	11/27/91	ELEC SORT CONTROL PNL SCHEM DIA	Y
J1E36022	03-54-6-002	2	11/27/91	ELEC HOT PART. GATE SCHEM DIA	Y
J1E36030	03-54-6-003	0	11/27/91	ELEC SORT S-108 CONT PNL INT. DIA	Y
J1E37010	03-54-7-001	0	11/27/91	ELEC SORT S-706 CONT PNL INT. DIA	Y
J1E37020	03-54-7-002	0	11/27/91	ELE MISC INTER. DIAGRAMS	N
J1E37050	03-54-7-005	0	11/27/91	ELEC/CRUSHING/CONVEYOR ONE LINE MCC-1	N
J1E51010	05-54-1-001	0	12/27/91	ELEC/CRUSHING/CONVEYOR ONE LINE MCC-2	N
J1E5120	05-54-1-002	0	11/27/91	ELEC SORT CONY #2 W-702 SCHEM.	N
J1E56060	05-54-6-006	1	5/93	ELEC SORT CONY #4 W-704 SCHEM. (W-701)	N
J1E56070	05-54-6-007	1	5/93	ELEC SORT CONY #2 & #4 INTERCON DIA	N
J1E57010	05-54-7-001	0	11/19/91	ELEC/TRU HANDLING ONE-LINE MCC-3	N
J1E7103A	07-54-1-001	A	8/28/91	ELEC DECON SORT P & C PLAN	N
J1E7401A	07-54-8-001	A	7/5/91	ELEC TRU-HANDLING MCC-3 SCHEM	N
J1E7601A	07-54-6-001	A	8/28/91	ELEC TRU-HANDLING MCC-3 SCHEM	N
J1E7602A	07-54-6-002	A	8/28/91	ELEC SORT SEP CONTROL PANEL LAYOUT	N
J1134012	03-57-4-001	A	11/26/91	ELEC SOLENOID PNL LAYOUT & PNEUMATIC SCH	Y
J1134021	03-57-4-002	2	6/28/91	ELEC HOT PART GATE CONTROL PNL LAYOUT	Y
J1134030	03-57-4-003	1	11/27/91	ELE DEWATERING AUGERS-SURGE TANK CONT.	Y
J1134040	03-57-4-004	0	11/22/91	ELE INTSR. LOOP DIA FE/FQ1-303, 701, 702	N
J1139010	03-57-9-001	0	11/22/91	" " " WEIGHT BELT 109 & 711	N
J1159010	05-57-9-001	0	11/27/91	DRAWING INDEX	N
J000010	01-00-0-001	0	12/03/91	PLAN & PLAN VIEW - WEST	N
J1M11011	01-53-1-001	1	10/14/91	PLANT PLAN VIEW - EAST	Y
J1M11021	01-53-1-002	1	10/14/91	SORT SYS PRIM SORT AREA GEN ARRANGEMENT	Y
J1M35010	03-53-5-001	0	9/4/91	SORT SYS ELEVATION	Y
J1M35020	03-53-5-002	0	9/4/91		Y

ORIGINAL PLANT DRAWINGS

CURRENT
DRAWING

FILENAME	DWG. #	REV. #	DATE	TITLE	
J1M35030	03-53-5-003	0	9/4/91	SORT SYS DECON SORT AREA GEN ARRANGEMENT	Y
J1M35040	03-53-5-004	0	9/04/91	SORT SYS DECON SORT AREA ELEVATION	Y
J1M35110	03-53-5-011	0	5/15/91	SORT SYS SORTER CHUTE ASSEMBLY	Y
J1M35120	03-53-5-0112	0	5/15/91	SORT SYS DETAILS	Y
J1M35130	03-53-5-013	0	5/15/91	SORT SYS SUPPORT DETAILS	Y
J1M35220	03-53-5-022	0	7/30/91	SORT SYS SORT CHUTE ASSEM.	Y
J1M35231	03-53-5-023X	1	8/20/91	SORT SYS SORT CHUTE ASSEM SEC & VIEWS	Y
J1M35241	03-53-5-024X	1	8/20/91	SORT SYS SORT CHUTE ASSEM DETAILS	Y
J1M35251	03-53-5-025	1	8/19/91	SORT SYS SORT CHUTES	Y
J1M35261	03-53-5-026	1	8/13/91	SORT SYS PRIM SORT AREA CHUTE DETAILS	Y
J1M3526X	03-53-5-026X	1	8/13/91	SORT SYS PRIM SORT AREA CHUTE DETAILS	Y
J1M35270	03-53-5-027	1	8/12/91	SORT SYS BELT WIPER COLLECT CHUTE & PAN	Y
J1M3528A	03-53-5-027	A	7/3/91	SORT SYS BELT WIPER TO SCREW (ON COLLECT DISCHER. CHUTE	Y
J1M352300	03-53-5-030	0	8/23/91	SORT SYS HOT PART GATE GEN. ARR.	Y
J1M352310	03-53-5-031	0	8/23/91	SORT SYS HOT PART GATE DETAILS & SECTIONS	Y
J1M35320	03-53-5-032	0	8/23/91	SORT SYS HOT PART DIVERTER CHUTE DETAILS	Y
J1M35400	03-53-5-040	0	9/26/91	SORT SYS TRASH MAG S-404 GEN ARR.	Y
J1M4501A	03-53-5-003	A	--	SORT SYS DECON AREA GEN ARRANGEMENT	N
J1D10010	01-55-0-001	0	9/13/91	PROCESS FLOW/SYMS & LEGEND	N
J1D10020	01-55-0-002	0	9/13/91	PROCESS FLOW/SYMS & LEGEND	N
J1D11010	01-55-1-001	0	9/13/91	PROCESS FLOW/MATERIAL SORT FACILITY	N
J1D32010	03-55-2-001	0	9/13/91	P & ID SORT SYS INITIAL SORT CONV.	Y
J1D32020	03-55-2-002	0	9/13/91	P & ID SORT SYS SORT GATES	Y
J1D32030	03-55-2-003	0	9/13/91	P & ID SORT SYS SORT GATES	Y
J1D42010	04-55-2-001	0	9/13/91	P & ID DAY BIN FEED SYS	N
J1D42010	05-55-2-001	0	--	P & ID CRUSHING & HANDLING SYS	N
J1D5201A	05-55-2-001	A	--	P & ID CRUSHING STATION	N
J1D72010	7-55-2-001	A	--	P & ID CRUSHING STATION	N
J1P11011	01-56-1-001	1	9/13/91	P & ID FINES SORTING	N
J1P11021	01-56-1-002	1	10/2/91	YARD PIPING PLAN - WEST	N
J1P1501A	01-56-5-001	1	10/11/91	YARD PIPING PLAN - EAST	N
J1P1502A	01-56-5-002	0	9/13/91	PIPING SUPPORTS & DETAILS	Y
J1E56010	05-54-6-001	A	8/19/91	COMPRESSOR DRYER SKID & PLAN VIEW & PIPE	N
J1E56020	05-54-6-002	1	5/1/93	ELEC GRUSH CONV. MEC-1 SCHEM	N
J1E56030	05-54-6-003	1	5/1/93	ELECTRICAL CRUSHIN CONVEYOR MCC-1 SCHEM	N
J1E56040	05-54-6-004	1	5/1/93	ELEC CRUSH CONV. MEC-1, 2 SCHEM	N
J1E56050	05-54-6-005	1	5/1/93	ELEC CRUSH CONV MEC-2 SCHEM	N

1992 - 1993 PLANT MODIFICATION DRAWINGS

CURRENT
DRAWING

FILENAME	DWG. #	REV. #	DATE	TITLE	CURRENT DRAWING
2V085-001	00-00-01	1	7/1/93	DRAWING INDEX	Y
2V085-002	00-00-02	0	5/93	LEGEND, NOTES, ABBREVIATIONS	Y
2V085-003	00-00-03	1	7/1/93	PROCESS FLOW DIAGRAM	Y
2V085-P1	04-01-01	0	5/93	PLATFORM COMPRESSED AIR LAYOUT	Y
2V085-P2	04-01-02	0	5/93	WET END COMPRESSED AIR LAYOUT	Y
2V085-P3	04-01-03	0	5/93	COMPRESS AIR SYSTEM ELEVATION	Y
HAND	05-01-01	0	5/93	AND PARTS LIST	Y
HAND	05-01-02	0	5/93	SORTER SYSTEM CHUTE ASSEMBLY	Y
2V085MD1	05-01-03	0	5/93	SORTER SYSTEM DETAILS	Y
2V085MD2	05-01-04	0	5/93	SORTER SYSTEM MODIFIED CHUTE EXTENSION	Y
HAND	05-01-05	0	5/93	SORTER SYSTEM MODIFICATIONS	Y
HAND	05-01-06	0	5/93	TO CHUTE EXTEN.	Y
HAND	05-01-07	0	5/93	SORTER SYSTEM SUPPORT DETAILS	Y
518	05-01-08	1	7/1/93	ELEC. SORTER SEPARATOR CONTROL PANEL EXT.	Y
519	05-01-09	0	5/93	ELEC. SELONOID PANEL LAYOUT	Y
110	05-01-10	1	7/1/93	& PNEUMATIC SCH.	Y
111	05-01-11	0	5/93	SORTER CONTROL PANEL SORTER #3 WIRING	Y
112	05-01-12	1	3/15/93	SORTER CONTROL PANEL SORTER #3 WIRING	Y
113	05-01-13	1	3/15/93	SORTER CONTROL PANEL SORTER #4 WIRING	Y
114	05-01-14	1	3/15/93	SORTER CONTROL PANEL SORTER #4 WIRING	Y
521	05-02-01	1	3/15/93	HOT PARTICLE GATE SORTER 3 AND 4	Y
522	05-02-02	1	3/15/93	SORTER #3 INTERCONNECTION WIRING	Y
531	05-03-01	2	7/1/93	SORTER #4 INTERCONNECTION WIRING	Y
532	05-03-02	1	7/1/93	ELEC. SORTING CONVEYOR NO. 3 SCHEMATIC	Y
541	05-04-01	2	7/1/93	DIAGRAM FOR VARIABLE	Y
543	05-04-02	0	5/93	ELEC. SORTING CONVEYOR NO. 4 SCHEMATIC	Y
541	05-04-03	2	7/1/93	DIAGRAM FOR VARIABLE SPEED DRIVE	Y
561	05-05-01	0	5/93	MOTOR CONTROL CENTER 3 CIRCUIT DIAGRAM	Y
571	05-06-01	1	3/15/93	MOTOR CONTROL CENTER 3	Y
2V085-E7	05-07-01	2	3/15/93	POWER DISTRIBUTION RISER	Y
2V085572	05-07-02	1	7/1/93	GENERAL POWER AND LIGHTING PLAN	Y
2V085581	05-08-01	1	7/1/93	MOTOR POWER AND CONTROL	Y
2V085582	05-08-02	1	7/1/93	INSTRUMENTATION AND CONTROL	Y
				MOTOR POWER AND CONTROL-WET	Y
				CLASSIFIER END	Y
				CHANGES TO MCC-2	Y
				MOTOR CONTROL CENTER 2 CIRCUIT DIAGRAM	Y
				MOTOR CONTROL CENTER 1 LAYOUT	Y
				ELECTRICAL SORTING CONVEYOR NO. 1	Y
				SCHEMATIC DIAGRAM FOR	Y
				VARIABLE SPEED DRIVE	Y

1992 - 93 PLANT MODIFICATION DRAWINGS

CURRENT
DRAWING

TITLE

DATE

REV. #

DWG. #

FILENAME

2V0855583	05-08-03	1	7/1/93	ELECTRICAL SORTING CONVEYOR NO. 2 SCHEMATIC DIAGRAM FOR VARIABLE SPEED DRIVE	Y
2V0855584	05-08-04	1	7/1/93	MOTOR CONTROL CENTER 1 CIRCUIT DIAGRAMS	Y
2V0855585	05-08-05	1	7/1/93	MOTOR CONTROL CENTER 1 CIRCUIT DIAGRAMS	Y
2V0855591	05-09-01	0	5/93	SORTER CONTROL PANEL #1 WIRING S-107	Y
2V0855592	05-09-02	1	7/1/93	SORTER CONTROL PANEL #1 WIRING S-107	Y
2V0855593	05-09-03	1	7/1/93	SORTER CONTROL PANEL #2 WIRING S-108	Y
2V0855594	05-09-04	1	7/1/93	SORTER CONTROL PANEL #2 WIRING S-108	Y
2V0855595	05-09-05	0	5/93	SPEED DRIVE	Y
2V0855596	05-09-06	0	5/93	SORTER #2 INTERCONNECTION WIRING	Y
2V085-S1	06-01-01	1	2/1/93	SORTER #2 INTERCONNECTION WIRING	Y
2V085-S2	06-01-02	1	2/1/93	CONVEYOR PLANT AND ELEVATION	Y
2V085-S3	06-01-03	1	2/4/93	CRUSHED MATERIAL HOPPER	Y
2V085-S4	06-02-01	0	5/93	CRUSHED MATERIAL HOPPER	Y
2V085-S5	06-02-02	0	5/93	SORTER SURGE BIN, BIN NO. 3	Y
2V085-S6	06-03-01	0	1/93	SORTER SURGE BIN, BIN NO. 4	Y
2V085-S7	06-03-02	0	5/93	DISCHARGE HOOD DIVERTOR	Y
2V085-S8	06-03-03	0	5/93	DISCHARGE HOOD DETAILS	Y
2V085PND	07-01-01	0	5/93	DISCHARGE HOOD DETAILS	Y
				SOIL WASH SYSTEM PIPING	Y

APPENDIX H

PHYSICAL PLANT INFORMATION AND SPECIFICATIONS

MAINTENANCE MANUAL INVENTORY

MANUFACTURER	ITEM OR TITLE	QUANTITY
Eagle Timers	Electronic Timers	1
Eagle Iron Works	Dewatering Classifier	2
Data Industrial	Flow Meters	1
Bin Dicator	Bin Level Indicator Mark III	1
Hydrologics	VFD Drives 1 & 2	1
Hydrologics	VFD Drives 3 & 4	0
Danfoss	General VFD info	1
Reide Systems	Belt Scales	10
AWC	Vol. A Gorman Rupp Pumps Sala Pumps Granger Jugs Dewatering Screws	3
AWC	Vol. B Conveyors Eddy Current Drives Gear Motors	3
AWC	Vol. C Hammermill Vibrating Screen Bearing and Oil Seals Pneumatic System	3
AWC	Vol. D Belt Conveyor Scales Bin Level Indicator Agitator	2
Micro Motion	Flow Transmitter	1
Micro Motion	Flow Sensor	1
Arlyn	Floor Platform Scale	1
Pioneer	Air Dryer	1
Sulair	Air Compressor	0

1

Topro Services

Sorter Gate Controls

0

Relays
Timers
Air Solenoids
Air Regulator
Oiler
Air Filters

Note: There may be other manuals available that were not located.
The manufacturers of equipment that do not have manuals should be
contacted and manuals obtained.

OVERLOAD DEVICE SELECTION CHART

MOTOR Hp	MOTOR FLA	RECOMMENDED OL UNIT
3	4.8	B6.90
5	7.6	B11.5
7.5	11.0	B17.5
10	14.0	B25.0
15	21.0	B36.0
20	27.0	B45.0

Notes:

1.0 Motor full load amperes (FLA) is based upon NEC Table 430-150. Actual motor amperes may vary.

2.0 Recommended OL unit based upon Square D tables and charts for Square D units. Other manufacturers will have different devices.

PUMP DATA SHEET

Pump Name and Number: Supply Pump P-707

Pump Capacity:

Motor Horsepower: 20Hp

Power Source

MCC-3

MCP-2

Overload- B45.0

Receives Material From: Selected supply pond

Discharges Material to: Flush Channel, Mixing Box, Main Tank

Control Mode and Location: Front Panel MCC-3, start/stop push buttons

Interlocked With: none

Accessories: Flow meter for total flow, flow meter for Main Tank, flow meter for Flush Channel

Comments: none

PUMP DATA SHEET

Pump Name and Number: Return Pump P-708

Pump Capacity:

Motor Horsepower: 20Hp

Power Source

MCC-3

MCP-1

Overload- B45.0

Receives Material From: Dewatering Classifier (S-703)

Discharges Material to: Selected settling pond

Control Mode and Location: Front Panel MCC-3, start/stop push buttons

Interlocked With: none

Accessories: Mass Flow meter with totalizing

Comments: none

CONVEYOR DATA SHEET

Conveyor Name and Number: Vibrating Screen S-406

Length and Width: N/A

Belt Speed: N/A

Motor Horsepower: 7,5

Power Source

MCC-1

MCP-03

Overload- B17.5

Receives Material From: Feed Conveyor (W-403)

Discharges Material to: Sorter Feed Conveyor (W-411)

Control Mode and Location: Front Panel MCC-1, start/stop push buttons

Interlocked With: None

Accessories: None

Comments: None

CONVEYOR DATA SHEET

Conveyor Name and Number: Dewatering Classifier S-703

Length and Width: 25' by 36"dia

Conveyor Shaft RPM: 6

Motor Horsepower: 5Hp

Power Source

MCC-3

MCP-6

Overload- B11.5

Receives Material From: Feed Conveyor (W-302)

Discharges Material to: Clean Pile

Control Mode and Location: Front Panel MCC-3, start/stop push buttons

Interlocked With: Feeder Conveyor (W-302)

Accessories: none

Comments: Future plans are to add a clean conveyor at the discharge opening. Conveyor should be interlocked with screw auger when installed.

VFD MENU SETTINGS

Menu	Description	VFD1	VFD2	VFD3	VFD4
00	Application Rate	0.00	0.00	0.00	0.00
01	Frequency (Hz)	*	*	*	*
02	Voltage (V)	*	*	*	*
03	Current (A)	*	*	*	*
04	Torque (%)	*	*	*	*
05	Basic Set up	1	1	1	1
06	Local/Remote (0/1)	1	1	1	1
07	Local Reference (Hz)	0.0	0.0	0.0	0.0
08	Min. Speed (Hz)	0.0	0.0	0.0	0.0
09	Max. Speed (Hz)	60.0	60.0	60.0	60.0
10	Jogging Speed (Hz)	37.7	37.8	58.9	58.1
11	Ramp time up (Sec)	5.0	5.0	5.0	5.0
12	Ramp time down (Sec)	5.0	5.0	5.0	5.0
13	Current Limit (A)	12.2	12.2	12.2	12.2
14	Motor power (Kw)	4.0	4.0	4.0	4.0
15	Motor Nom Volts (V)	460	460	460	460
16	Motor Nom Freq (Hz)	60	60	60	60
17	Application rate factor	100	100	100	100
18	Start Voltage (V)	40.0	40.0	40.0	40.0
19	Start Compensation (V/A)	2.80	2.80	2.80	2.80
20	Slip compensation (%)	100	100	100	100
21	U/f-ratio (V/Hz)	7.4	7.4	7.4	7.4
22	Start/Stop mode	0	0	0	0
23	Digital input select	0	0	0	0
24	Analog input select	1	1	1	1
25	Relay output select + ext sum	2	2	2	2
26	Digital output select	2	2	2	2
27	Analog output 1 select (freq)	3	3	3	3
28	Analog output 2 select (A)	1	1	1	1
29	Thermal Motor protection	2	2	2	2
30	Trip reset mode	0	0	0	0
31	Trip delay time (s)	10.0	10.0	10.0	10.0
32	Warning Freq (Hz)	59.9	59.9	59.9	59.9
33	Warning current (A)	10.7	10.7	10.7	10.7
34	DC braking time (S)	0	0	0	0
40	Restore factory settings	0	0	0	0
41	Motor nominal current (A)	7.6	7.6	7.6	7.6
42	Motor magnetizing current (A)	4.0	4.0	4.0	4.0

Notes:

1. Refer to the Hydrologics, Inc. manual for additional information and other setting options.
2. Menu items 80-99 are fault indicators. Refer to the Hydrologics, Inc. manual for full definition.
3. Items marked (*) are displays of running values and will vary with conditions.

CONVEYOR DATA SHEET

Conveyor Name and Number: Sorting Conveyor #2 W-102

Length and Width: 20'by 36"

Belt Speed: 30 fpm

Motor Horsepower: 5

Power Source

MCC-1

MCP-08

Overload- In VFD drive system

Receives Material From: Sorter Feed Conveyor (W-411)

Discharges Material to: Clean Conveyor (W-103) and Tru Transfer Conveyor (W-106)

Control Mode and Location: Front panel MCC-1, start/stop push buttons. Speed control by VFD in building 417.

Interlocked With: Sorter Feed Conveyor (W-411), Clean Conveyor (W-103), Tru Transfer Conveyor (W-106), Computer system.

Accessories: Sorting Gates S-108

Comments: Belt speed set by using the jog speed function in the VFD.

CONVEYOR DATA SHEET

Conveyor Name and Number: Clean Conveyor W-103

Length and Width: 35 by 24"

Belt Speed: 70 fpm

Motor Horsepower: 5Hp

Power Source

MCC-1

MCP-09

Overload- B11.5

Receives Material From: Sorter Belt #1 (W-101) and Sorter Belt #2 (W-102).

Discharges Material to: Radial Stacker (W-104)

Control Mode and Location: Front Panel MCC-1, start/stop push buttons

Interlocked With: Sorter Belt #1 (W-101) and Sorter Belt #2 (W-102) and Radial Stacker (W-104)

Accessories: Belt Scale

Comments: None

CONVEYOR DATA SHEET

Conveyor Name and Number: Radial Stacker W-104

Length and Width: 70' by 24"

Belt Speed: 330 fpm

Motor Horsepower: 7.5Hp

Power Source

MCC-1

MCP-10

Overload- B17.5

Receives Material From: Clean Conveyor W-103

Discharges Material to: Clean Pile

Control Mode and Location: Front panel MCC-1, start/stop push buttons

Interlocked With: Clean Conveyor W-103

Accessories: Traverse Motor 3Hp

Comments: Traverse motor 3Hp, control at rear of radial stacker via MCP-11

CONVEYOR DATA SHEET

Conveyor Name and Number: Tru Feed Conveyor W-301

Length and Width: 100' by 24"

Belt Speed: 162

Motor Horsepower: 7.5

Power Source

MCC-1

MCP-07

Overload-B17.5

Receives Material From: Tru Transfer Conveyor (W-106)

Discharges Material to: Day Bin

Control Mode and Location: Front Panel MCC-1, start/stop push buttons

Interlocked With: Tru Feed Conveyor (W-301)

Accessories: None

Comments: Interlock to future Tru Feed Conveyor from Sorter Belt #3 and #4 is wired to MCC-3 and can be made operational when this conveyor is installed.

CONVEYOR DATA SHEET

Conveyor Name and Number: Feeder Conveyor W-302

Length and Width: 35' by 24"

Belt Speed: Variable

Motor Horsepower: 5Hp

Power Source

MCC-3

MCP-3

Overload- B11.5

Receives Material From: Day Bin

Discharges Material to: Dewatering Classifier (S-703)

Control Mode and Location: Front Panel MCC-3, start/stop push buttons

Interlocked With: Dewatering Classifier (S-703)

Accessories: Belt Scale

Comments: Speed controlled by Eddy Current Drive located in the MCC.

CONVEYOR DATA SHEET

Conveyor Name and Number: Feeder Belt W-402

Length and Width: 8' by 30"

Belt Speed: Variable

Motor Horsepower: 5

Power Source

MCC-1

MCP-1

Overload- B11.5

Receives Material From: Supply Bin

Discharges Material to: Sorter Feed Conveyor (W-411)

Control Mode and Location: Front Panel MCC-1, start/stop push buttons for motor, start push button for clutch, Speed setting potentiometer located in NEMA 4x box on back of MCC-1

Interlocked With: Sorter Feed Conveyor (W-411)

Accessories: Eddy Current Drive

Comments: none

Under W-700.frm

CONVEYOR DATA SHEET

Conveyor Name and Number: Feed Conveyor W-403

Length and Width: 60' by 24"

Belt Speed: 60 fpm

Motor Horsepower: 7.5Hp

Power Source

MCC-1

MCP-2

Overload- B17.5

Receives Material From: Feeder Belt (W-402)

Discharges Material to: Vibrating Screen

Control Mode and Location: Front panel MCC-1, start/stop push buttons and selector switch to match sorter belts in use.

Interlocked With: Sorter Feed conveyor (W-411), Feeder Belt (W-402)

Accessories: Belt Scale

Comments: None

CONVEYOR DATA SHEET

Conveyor Name and Number: Oversize Conveyor W-408

Length and Width 16' by 24"

Belt Speed: 220 fpm

Motor Horsepower: 5Hp

Power Source

MCC-1

MCP-04

Overload- B11.5

Receives Material From: Vibrating Screen

Discharges Material to: Oversize pile

Control Mode and Location: Front Panel, MCC-1, start/stop push buttons

Interlocked With: None

Accessories: None

Comments: None

CONVEYOR DATA SHEET

Conveyor Name and Number: Sorter Feed Conveyor W-411

Length and Width: 35 by 24"

Belt Speed: 70 fpm

Motor Horsepower: 7.5

Power Source

MCC-1

MCP-06

Overload- B17.5

Receives Material From: Vibrating Screen Bin

Discharges Material to: Sorter Belt #1 (W-101) and Sorter Belt #2 (W-102)

Control Mode and Location: Front panel MCC-1, start/stop push buttons and selector switch to match sorter belts in use.

Interlocked With: Feeder conveyor (W-403), Sorter Belt #1 (W-101), Sorter Belt #2 (W-102)

Accessories: Belt Scale

Comments: None

CONVEYOR DATA SHEET

Conveyor Name and Number: Feeder Belt W-700

Length and Width: 8' by 18"

Belt Speed: Variable

Motor Horsepower: 5

Power Source

MCC-3

MCP-

Overload- B11.5

Receives Material From: Supply Bin

Discharges Material to: Feed Conveyor (W-701)

Control Mode and Location: Front Panel MCC-3, start/stop push buttons for motor, start push button for clutch, Speed setting potentiometer

Interlocked With: Feed Conveyor (W-701)

Accessories: Eddy Current Drive

Comments: none

CONVEYOR DATA SHEET

Conveyor Name and Number: Sorting Conveyor #3 W-703

Length and Width: 20" by 36"

Belt Speed: 30 fpm

Motor Horsepower: 5

Power Source

MCC-3

MCP-6

Overload- In VFD drive system.

Receives Material From: Feed Conveyor (W-701)

Discharges Material to: Clean Conveyor (W-709)

Control Mode and Location: Front panel MCC-3, start/stop push buttons. Speed control by VFD in building 417.

Interlocked With: Feed Conveyor (W-701), Clean Conveyor (W-709), Computer system.

Accessories: Sorting Gates S-109

Comments: Belt speed set by using the jog speed function in the VFD.

CONVEYOR DATA SHEET

Conveyor Name and Number: Sorting Conveyor #4 W-704

Length and Width: 20'by 36"

Belt Speed: 30 fpm

Motor Horsepower: 5

Power Source

MCC-3

MCP-7

Overload- In VFD drive system

Receives Material From: Feed Conveyor (W-701)

Discharges Material to: Clean Conveyor (W-709)

Control Mode and Location: Front panel MCC-3, start/stop push buttons. Speed control by VFD in building 417.

Interlocked With: Feed Conveyor (W-701), Clean Conveyor (W-709), Computer system.

Accessories: Sorting Gates S-110

Comments: Belt speed set by using the jog speed function in the VFD.

CONVEYOR DATA SHEET

Conveyor Name and Number: Radial Stacker W-710

Length and Width: 70' by 24"

Belt Speed: 320 fpm

Motor Horsepower: 7.5Hp

Power Source

MCC-3

MCP-2

Overload- B17.5

Receives Material From: Clean Conveyor W-709

Discharges Material to: Clean Pile

Control Mode and Location: Front panel MCC-3, start/stop push buttons

Interlocked With: Clean Conveyor W-709

Accessories: Traverse Motor 3Hp

Comments: Traverse motor 3Hp, control at rear of radial stacker via MCP-5

DISTRIBUTION LIST

DNA-TR-93-168-V3

DEPARTMENT OF DEFENSE

DEFENSE NUCLEAR AGENCY

2 CY ATTN: IMTS

ATTN: LE JOHN EDDY

DEFENSE TECHNICAL INFORMATION CENTER

2 CY ATTN: DTIC/OC

FIELD COMMAND DEFENSE NUCLEAR AGENCY

3 CY ATTN: FCIEE MAJ JOSEPH KIMBRELL

ATTN: FCJH MAJ M MELANSON

DEPARTMENT OF ENERGY

OAKRIDGE NATIONAL LABORATORY

ATTN: MARY J WILSON-NICHOLS

US DEPARTMENT OF ENERGY

ATTN: JOHN MATHER

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